



Phytochemical and Botanical Product *Selection* Guide



Ordering *Information*



ChromaDex™ products and services are available worldwide. For the distributor in your country, please contact ChromaDex™ USA.

To order, please contact us at:

Address: 10005 Muirlands Blvd., Suite G
Irvine, CA 92618 USA
Phone: 1-949-419-0288
Fax: 1-949-419-0294
Email: Sales@chromadex.com

Visit our website at www.chromadex.com

The following credit cards will be accepted:



Shipping methods: Fed Ex, UPS, and DHL
Other freight companies are available upon request.

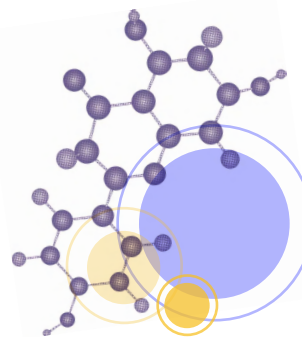


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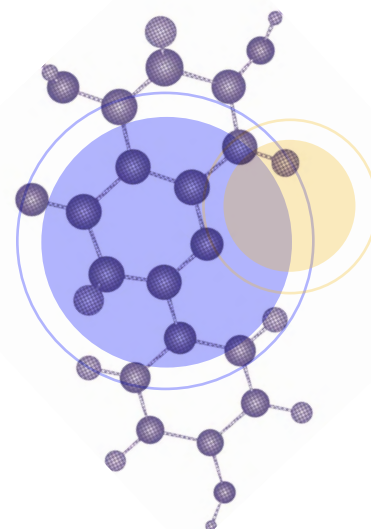
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ChromaDex™ General Information



Product Selection

INTRODUCTION As the leading provider of high purity phytochemical and botanical reference materials to the pharmaceutical, dietary supplement, food and beverage, and cosmetic industries, ChromaDex™ has published a Product Selection Guide to better help you, the customer, find what you need in one simple search. We understand your time is a valuable commodity and ease of access to our products will help consolidate your research efforts. With the addition of several hundreds of phytochemicals and Botanical Reference Materials to our catalog each year, the list can be somewhat daunting. The ChromaDex™ Product Selection Guide is designed as an easy search tool for the botanicals and their related phytochemicals. With the publication of the current Good Manufacturing Practices for dietary supplements by the US FDA, identity testing is one of the major cornerstones for product safety, reliability and quality. The ChromaDex™ Product Selection Guide will be an important tool for companies in meeting the guidelines set forth by the FDA.

HOW TO USE The Product Selection Guide is set up to allow the user to search for a botanical by its Latin binomial or its common name. Under the botanical is a list of phytochemicals and products associated to the plant. An example would be Ginseng. Under Ginseng, the botanical is listed as *Panax ginseng*. Other names are provided as well as a list of the compounds, such as the ginsenosides, and the Panax Root Extract Reference Material (XRM). Only some of the products have a Botanical Reference Material (BRM), a XRM, and/or a kit associated with them at this time, but always contact your technical sales representative when something is not listed in the Product Selection Guide as the list is continually growing. To search by Latin names, Common Names and Compounds, go to page 78 where the Index section begins.

Abyssinian Cabbage

Botanical Name: *Crambe abyssinica*
Other Name: Abyssinian Kale; Colewort; Crambe; Abyssinian Cabbage

PART NO.	DESCRIPTION (GRADE)
CALL	DESULFOEPIPROGOITRIN
CALL	DESULFOSINALBIN
CALL	EPIPROGOITRIN
CALL	SINALBIN

Achyranthas Root

Botanical Name: *Achyranthes fauriei*
Other Name: Achyranthas Root

PART NO.	DESCRIPTION (GRADE)
ASB-00005015	ECDYSONE, BETA- (P)

Achyrocline alata

Botanical Name: *Achyrocline alata*
Other Name:

PART NO.	DESCRIPTION (GRADE)
ASB-00001900	APIGENIN (P)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00009520	ISORHAMNETIN (P)
ASB-00017171	QUERCITRIN (P)

Achyrocline flaccida

Botanical Name: *Achyrocline flaccida*
Other Name:

PART NO.	DESCRIPTION (GRADE)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00007030	GALANGIN (SH)
ASB-00009520	ISORHAMNETIN (P)
ASB-00017171	QUERCITRIN (P)

Achyrocline tomentosa

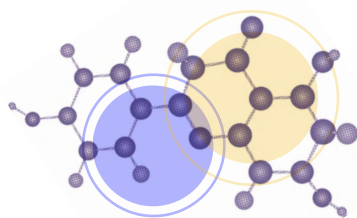
Botanical Name: *Achyrocline tomentosa*
Other Name:

PART NO.	DESCRIPTION (GRADE)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00009520	ISORHAMNETIN (P)
ASB-00012461	LUTEOLIN (P)

Aconite

Botanical Name: *Aconitum* spp.
Other Name: Monk's Hood; Wolf's Bane; Leopard's Bane; Women's Bane; Devil's Helmet; Blue Rocket

PART NO.	DESCRIPTION (GRADE)
KIT-00001339	ACONITE STANDARDS KIT 4 x 10mg
ASB-00001340	ACONITINE (P)
ASB-00002469	BULLEYACONITINE A (P)
ASB-00008900	HYPACONITINE (P)
ASB-00012073	LAPPACONITINE (P)
ASB-00013218	MESACONITINE (P)



Product Selection

Aconite

Botanical Name: *Aconitum vilmorinianum*
Other Name:

PART NO.	DESCRIPTION (GRADE)
ASB-00002469	BULLEYACONITINE A (P)

Afgan Prickly-Ash

Botanical Name: *Zanthoxylum xanthoxyloides*
Other Name: Afghan Ash; Prickly-Ash; Hercules' Club

PART NO.	DESCRIPTION (GRADE)
ASB-00002201	BERBERINE CHLORIDE (AHP)
ASB-00009070	IMPERATORIN (P)
ASB-00012391	LUPEOL (SH)
ASB-00016365	PSORALEN (SH)
ASB-00019086	SCOPARONE (RG)
ASB-00019091	SCOPOLETIN (SH)
ASB-00022306	VANILLIC ACID (RG)

African Olive

Botanical Name: *Olea europaea*
Other Name: African Olive; African Wild Olive; Brown Olive; Olive; Wild Olive; Zeitun Bari

PART NO.	DESCRIPTION (GRADE)
ASB-00005259	ESCULIN (ESCULETIN-6-GLUCOSIDE) (P)
ASB-00015310	OLEUROPEIN (P)

African Plantain (Black Psyllium)

Botanical Name: *Plantago afra*
Other Name: African Plantain; Black Psyllium; Psyllium; Psyllium Plantain

PART NO.	DESCRIPTION (GRADE)
ASB-00011085	AUCUBIN (P)

African Senna

Botanical Name: *Senna alexandrina* (Syn. *Cassia senna*)
Other Name: African Senna; Senna; Egyptian Senna; East Indian Senna; Tinnevely Senna

PART NO.	DESCRIPTION (GRADE)
ASB-00001611	ALOE EMODIN (SH)
ASB-00005091	EMODIN (P)
ASB-00009520	ISORHAMNETIN (P)
ASB-00011020	KAEMPFEROL (AHP)
ASB-00018230	RHEIN (SH)
ASB-00019156	SENNOSIDE A (SH)
ASB-00019161	SENNOSIDE B (SH)
KIT-00019162	SENNA STANDARDS KIT

African Spiral Flag

Botanical Name: *Costus lucanusianus*
Other Name: African Spiral Flag; Sweet African

PART NO.	DESCRIPTION (GRADE)
ASB-00004916	DIOSGENIN (SAPOGENIN) (P)

Ajuga decumbens

Botanical Name: *Ajuga decumbens*
Other Name: Carpet Bugle

PART NO.	DESCRIPTION (GRADE)
CALL	HARPAGIDE

Alcornoque

Botanical Name: *Bowdichia virgilioides*
Other Name: Alcornoque; Mir m; Sapupira; Sucupira Parada; Sucupira

PART NO.	DESCRIPTION (GRADE)
ASB-00007150	GERANIOL (SG)
ASB-00012391	LUPEOL (SH)

Alkanet (Bugloss)

Botanical Name: *Anchusa officinalis*
Other Name: Alkanet; Buglos; Bugloss; Gewone Ossentong; Lingua Bovina; Sigidill

PART NO.	DESCRIPTION (GRADE)
CALL	LYCOPSAMINE

Almond Willow

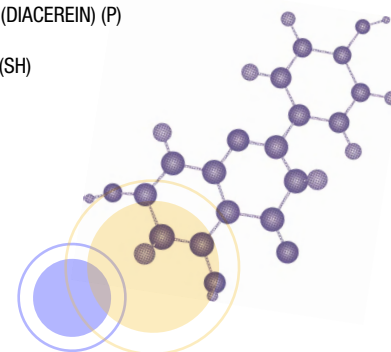
Botanical Name: *Salix triandra*
Other Name: Almond-Leaved Willow; Almond Willow; Long Bud

PART NO.	DESCRIPTION (GRADE)
ASB-00019550	SALIDROSIDE (P)

Aloe

Botanical Name: *Aloe vera*; *Aloe barbadensis*; *Aloe capensis*; *Aloe saponaria*
Other Name: Aloeaceae; Medical Aloe

PART NO.	DESCRIPTION (GRADE)
ASB-00001611	ALOE EMODIN (SH)
ASB-00001625	ALOIN A (BARBALOIN) (P)
ASB-00003072	CAMPESTEROL (P)
ASB-00003655	CINNAMIC ACID, TRANS- (SG)
ASB-00005091	EMODIN (P)
ASB-00012391	LUPEOL (SH)
ASB-00013121	MANNOSE, D-(+)- (RG)
ASB-00018230	RHEIN (SH)
ASB-00001620	ALOIN A & B (MIX) (P)
ASB-00004304	DIACETYL-RHEIN (DIACEREIN) (P)
ASB-00001610	ALOE EMODIN (P)
ASB-00003635	CHRYSOPIHANOL (SH)
CALL	ALOENIN A



Product Selection

American Evergreen

Botanical Name: *Syngonium podophyllum*
Other Name: American Evergreen

PART NO.	DESCRIPTION (GRADE)
ASB-00016940	PODOPHYLLOTOXIN (P)

American Ginseng

Botanical Name: *Panax quinquefolius*
Other Name: American Ginseng

PART NO.	DESCRIPTION (GRADE)
ASB-00007190	GINSENSIDE Rb1 (AHP)
ASB-00007195	GINSENSIDE Rb2 (AHP)
ASB-00007197	GINSENSIDE Rb3 (RG)
ASB-00007200	GINSENSIDE Rc (AHP)
ASB-00007205	GINSENSIDE Rd (AHP)
ASB-00007210	GINSENSIDE Re (AHP)
ASB-00007215	GINSENSIDE Rf (P)
ASB-00007220	GINSENSIDE Rg1 (AHP)
ASB-00007222	GINSENSIDE Rg2 (RG)
ASB-00007223	GINSENSIDE Rg3 (RG)
ASB-00007228	GINSENSIDE Rh1 (RG)
ASB-00007229	GINSENSIDE Rh2 (RG)
ASB-00016345	PSEUDOGINSENSIDE F11 (SH)
ASB-00030676	AMERICAN GENSING ROOT (VBRM)
ASB-00031075	AMERICAN GENSING ROOT (XRM)

American Sycamore

Botanical Name: *Platanus occidentalis*
Other Name: American Sycamore; Buttonwood; American Plane-Tree; Sycamore; Plane Tree

PART NO.	DESCRIPTION (GRADE)
ASB-00001900	APIGENIN (P)
ASB-00011055	ASTRAGALIN (KAEMPFEROL-3-GLUCOSIDE) (P)
ASB-00002247	BETULINIC ACID (RG)
ASB-00008916	HYPEROSIDE (P)
ASB-00009505	ISOQUERCETIN (P)
ASB-00009520	ISORHAMNETIN (P)
ASB-00011020	KAEMPFEROL (AHP)
ASB-00013921	MYRICETIN (CANNABISCETIN) (P)
ASB-00017030	QUERCETIN (AHP)
ASB-00018430	RUTIN (AHP)
ASB-00020306	TILIROSIDE (P)

American Wild Mint

Botanical Name: *Mentha arvensis*
Other Name: Banana Mint; Wild Mint; Corn Mint; Field Mint; American Wild Mint

PART NO.	DESCRIPTION (GRADE)
ASB-00005375	EUCALYPTOL (SG)
ASB-00013962	MENTHOL, (-)- (P)
ASB-00018370	ROSMARINIC ACID (P)

Andrographis

Botanical Name: *Andrographis paniculata*
Other Name: Andrographis; Chuan Xin Lian; Kalmegh; King of Bitters; Indian Echinacea

PART NO.	DESCRIPTION (GRADE)
ASB-00001754	ANDROGRAPANIN (P)
KIT-00001760	ANDROGRAPHIS STANDARDS KIT (P)
ASB-00001756	ANDROGRAPHOLIDE (P)
ASB-00001757	ANDROGRAPHOLIDE, DEHYDRO- (P)
ASB-00001758	ANDROGRAPHOLIDE, DEOXY- (SH)
ASB-00001759	ANDROGRAPHOLIDE, NEO- (P)
ASB-00004155	DEOXY-11,12-DIDEHYDROANDROGRAPHOLIDE, 14- (R)
ASB-00012180	LIGUSTILIDE, Z- (AHP)
ASB-00031074	THE CREAT (<i>Andrographis paniculata</i>) AERIAL (VBRM)

Angelica

Botanical Name: *Angelica archangelica*
Other Name: Angelica; Garden Angelica; Holy Ghost; Wild Celery; Norwegian Angelica

PART NO.	DESCRIPTION (GRADE)
ASB-00002356	BORNEOL, (-)- (SG)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00005375	EUCALYPTOL (SG)
ASB-00009070	IMPERATORIN (P)
ASB-00009526	ISOIMPERATORIN (P)
ASB-00015420	OSTHOLE (P)
ASB-00030629	ANGELICA ROOT (VBRM)

Angelicae Rx

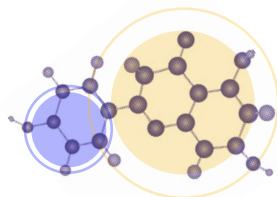
Botanical Name: *Angelica dahurica*
Other Name: Bai Zhi; Angelicae Rx

PART NO.	DESCRIPTION (GRADE)
ASB-00009070	IMPERATORIN (P)
ASB-00009526	ISOIMPERATORIN (P)
ASB-00019091	SCOPOLETIN (SH)

Anise (Aniseed)

Botanical Name: *Pimpinella anisum*
Other Name: Anise Burnet; Saxifrage; Aniseed; Anise; Anason; Anis; Anasur; Anisu

PART NO.	DESCRIPTION (GRADE)
ASB-00001851	ANETHOLE, TRANS- (P)
ASB-00003830	APIGENIN-7-GLUCOSIDE (COSMOSIN) (P)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00008320	HOMOORIENTIN (ISOORIENTIN) (SH)
ASB-00009630	ISOVITEXIN (P)
ASB-00012500	LUTEOLIN 7-GLUCOSIDE (P)
ASB-00012461	LUTEOLIN (P)
ASB-00018430	RUTIN (AHP)



Product Selection

Anisodus

Botanical Name: *Anisodus tanguticus*
Other Name: Shan Lang Dang

PART NO.	DESCRIPTION (GRADE)
CALL	ANISODAMINE
CALL	ANISODINE

Annatto Bixin

Botanical Name: *Bixa orellana*
Other Name: Annato; Aploppas

PART NO.	DESCRIPTION (GRADE)
ASB-00002320	BIXIN (P)
ASB-00014501	NORBIXIN (P)

Anthocyanins

Botanical Name:
Other Name: Anthocyanins; Anthocyanidins

PART NO.	DESCRIPTION (GRADE)
ASB-00003931	CYANIDIN-3,5-DIGLUCOSIDE CHLORIDE (CYANIN) (SH)
ASB-00003932	CYANIDIN-3-O-RHAMNOSIDE CHLORIDE (RG)
ASB-00011325	CYANIDIN-3-RUTINOSIDE CHLORIDE (KERACYANIN) (RG)
ASB-00004127	DELPHINIDIN-3-O-GLUCOSIDE CHLORIDE (RG)
ASB-00004126	DELPHINIDIN-3-O-RHAMNOSIDE CHLORIDE (RG)
ASB-00009045	IDEAIN CHLORIDE (CYANIDIN-3-GALACTOSIDE) (SH)
ASB-00011605	KUROMANIN CHLORIDE (CYANIDIN-3-GLUCOSIDE) (SH)
ASB-00013061	MALVIDIN-3-GALACTOSIDE CHLORIDE (PRIMULIN) (SH)
ASB-00013070	MALVIDIN-3-GLUCOSIDE CHLORIDE (OENIN) (SH)
ASB-00013076	MALVIN CHLORIDE (MALVIDIN-3,5-DIGLUCOSIDE) (SH)
ASB-00016101	PELARGONIDIN-3-GLUCOSIDE CHLORIDE (CALLISTEPHIN) (SH)
ASB-00016121	PELARGONIN CHLORIDE (PELARGONIDIN-3,5-DIGLUCOSIDE) (RG)
ASB-00016360	PEONIDIN-3-GLUCOSIDE CHLORIDE (RG)
ASB-00016230	PROCYANIDIN B1
ASB-00016231	PROCYANIDIN B2

Anu

Botanical Name: *Tropaeolum tuberosum*
Other Name: Anu; Capuiche; Mashua; Nose-Twister; Nose-Tweaker

PART NO.	DESCRIPTION (GRADE)
CALL	DESULFOGLUCOTROPAEOLIN
ASB-00007300	GLUCOTROPAEOLIN (SH)

Apple Tree

Botanical Name: *Malus domestica*
Other Name: Apple; Common Apple; Apple Tree

PART NO.	DESCRIPTION (GRADE)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003310	CATECHIN, (+)- (AHP)
ASB-00003838	COUMARIC ACID, P- (RG)
ASB-00005125	EPICATECHIN, (-)- (AHP)
ASB-00016230	PROCYANIDIN B1
ASB-00016231	PROCYANIDIN B2
ASB-00016232	PROCYANIDIN C1 (P) (CALL)
ASB-00017030	QUERCETIN (AHP)
ASB-00018430	RUTIN (AHP)

Apricot

Botanical Name: *Prunus armeniaca*
Other Name: Apricot; Albaricoque; Damasco; Siberian Apricot

PART NO.	DESCRIPTION (GRADE)
ASB-00001733	AMYGDALIN (RG)

Aristolochia

Botanical Name: *Aristolochia* spp.
Other Name: Chinese Birthwort; Virginia Snakeroot

PART NO.	DESCRIPTION (GRADE)
ASB-00011002	ARISTOLOCHIC ACID A (P)
ASB-00011003	ARISTOLOCHIC ACID A, 7-HYDROXY- (SH)
ASB-00011004	ARISTOLOCHIC ACID C (SH)
CALL	ARISTOLOCHIC ACID D
KIT-00001099	ARISTOLOCHIC ACID STANDARDS KIT (RG)
ASB-00011005	AROMADENDRIN (RG)

Aristolochia (Clematitis)

Botanical Name: *Aristolochia clematitis*
Other Name: Birthwort; Clematitis

PART NO.	DESCRIPTION (GRADE)
ASB-00001531	ALLANTOIN (RG)
ASB-00011002	ARISTOLOCHIC ACID A (P)
ASB-00011012	ARISTOLOCHIC ACID B (P)
ASB-00002356	BORNEOL, (-)- (SG)

Aristolochia (Rotunda)

Botanical Name: *Aristolochia rotunda*
Other Name: Snakeroot

PART NO.	DESCRIPTION (GRADE)
ASB-00011002	ARISTOLOCHIC ACID A (P)
ASB-00011012	ARISTOLOCHIC ACID B (P)

Arjuna

Botanical Name: *Terminalia arjuna*
Other Name: Arjuna; Arjuna Herb; Arjuna Root

PART NO.	DESCRIPTION (GRADE)
ASB-00002015	BAICALEIN (P)
ASB-00005071	ELLAGIC ACID (P)
ASB-00015303	OLEANOLIC ACID (P)

Arnica (Mountain Arnica)

Botanical Name: *Arnica montana*
Other Name: Arnica; Mountain Arnica; Leopard's Bane; Wolf's Bane; Mountain Tobacco

PART NO.	DESCRIPTION (GRADE)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00003990	CYNARIN (ECHINACEA) (1,3-DICAFFEYOYLQUINIC ACID) (AHP)
ASB-00012453	LUTEIN (P)
ASB-00017030	QUERCETIN (AHP)

Product Selection

Arrowroot

Botanical Name: *Maranta arundinacea*
Other Name: Arrowroot; Obedience Plant

PART NO.	DESCRIPTION (GRADE)
ASB-00001683	ARACHIDIC ACID (RG)
CALL	ARROWROOT HPLC ANALYSIS KIT
KIT-00001100	ARROWROOT STANDARDS KIT 5 x 10mg (P)
ASB-00002277	BIOCHANIN A (AHP)
ASB-00004007	DAIDZEIN (AHP)
ASB-00004015	DAIDZIN (SH)
ASB-00007082	GENISTEIN (AHP)
ASB-000016835	PUERARIN (SH)

Artichoke

Botanical Name: *Cynara scolymus*
Other Name: Globe Artichoke; Alcachofra; Alcachofera; Artichaut; Tyosen-Azami

PART NO.	DESCRIPTION (GRADE)
ASB-00030045	ARTICHOKE (BRM)
ASB-00030046	ARTICHOKE (XRM)
KIT-00011011	ARTICHOKE STANDARDS KIT
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00003991	CYNARIN (ARTICHOKE) (1,3-DICAFFEYOYLQUINIC ACID) (P)
ASB-00003990	CYNARIN (ECHINACEA) (1,4-DICAFFEYOYLQUINIC ACID) (AHP)
ASB-00003993	CYNAROPICRIN (SH)
ASB-00011011	KAEMPFERIDE (SH)
ASB-00012500	LUTEOLIN 7-GLUCOSIDE (P)
ASB-00012461	LUTEOLIN (P)
ASB-00012500	LUTEOLIN-7-O-GLUCOSIDE (CYNAROSIDE) (P)
ASB-00018430	RUTIN (AHP)

Asafetida

Botanical Name: *Ferula jaeschkeana*
Other Name: Asafetida

PART NO.	DESCRIPTION (GRADE)
ASB-00003383	CHAMAZULENE (RG)

Ashwagandha

Botanical Name: *Withania somnifera*
Other Name: Ashwagandha; Withania; Winter Cherry; Indian Winter Cherry; Indian Genseng

PART NO.	DESCRIPTION (GRADE)
ASB-00040020	AHP ASHWAGANDHA ROOT MONOGRAPH (BK)
ASB-00030048	ASHWAGANDHA (BRM)
ASB-00030049	ASHWAGANDHA (XRM)
KIT-00023260	ASHWAGANDHA STANDARDS KIT
ASB-00023250	WITHAFERIN A (P)
ASB-00023251	WITHANOLIDE A (P)
ASB-00023252	WITHANOLIDE B (P) (NEW)
ASB-00023257	WITHANONE (P) (NEW)
ASB-00023253	WITHANOSIDE IV (P) (NEW)
ASB-00023256	WITHASTRAMONOLIDE, 12-DEOXY- (P)

Asiatic Toad (Miyako Toad)

Botanical Name: *Bufo gargarizans*
Other Name: Asiatic Toad; Miyako Toad; Zhoushan Toad

PART NO.	DESCRIPTION (GRADE)
ASB-00002465	BUFALIN (RG)
ASB-00003656	CINOBUFAGIN (P)
ASB-00018055	RESIBUFOGENIN (RG)

Asphodel (Tall or Common)

Botanical Name: *Asphodelus microcarpus* (Syn: *Asphodelus aestivus*)
Other Name: Tall Asphodel; Common Asphodel

PART NO.	DESCRIPTION (GRADE)
CALL	STACHYDRINE CHLORIDE

Asafoetida

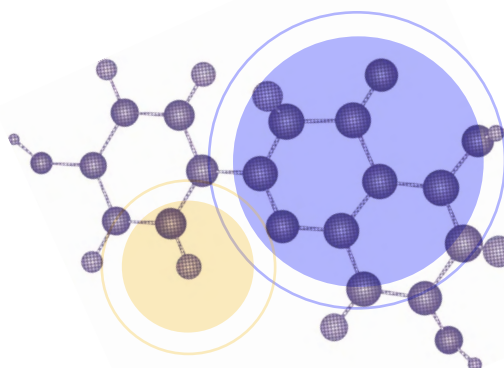
Botanical Name: *Ferula asafoetida*
Other Name: Asafetida; Devil's Dung; Ingo; Food of the Gods

PART NO.	DESCRIPTION (GRADE)
ASB-00002357	BORNYL ACETATE (SG)
ASB-00006005	FERULIC ACID (SH)

Asthma Weed

Botanical Name: *Euphorbia hirta* (Syn: *Euphorbia pilulifera*)
Other Name: Asthma Weed; Cats Hair; Basri Dudhi; Chara; Malnommee; Pill-Bearing Spurge

PART NO.	DESCRIPTION (GRADE)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00005071	ELLAGIC ACID (P)
ASB-00007040	GALLIC ACID (P)
ASB-00009505	ISOQUERCETIN (P)
ASB-00011020	KAEMPFEROL (AHP)
ASB-00012391	LUPEOL (SH)
ASB-00013921	MYRICETIN (CANNABISCETIN) (P)
ASB-00017030	QUERCETIN (AHP)
ASB-00017170	QUERCITRIN (SH)
ASB-00018430	RUTIN (AHP)



Product Selection

Astragalus Complete

Botanical Name: *Astragalus propinquus* (Syn. *Astragalus membranaceus*)
Other Name: Huang Qi; Chinese Milk Vetch

PART NO.	DESCRIPTION (GRADE)
ASB-00040025	AHP ASTRAGALUS ROOT MONOGRAPH (BK)
ASB-00111195	ASTRAGALOSIDE I (RG)
ASB-00011196	ASTRAGALOSIDE II (RG)
ASB-00011197	ASTRAGALOSIDE IV (P)
KIT-00011191	ASTRAGALUS FLAVONOID STANDARD KIT
ASB-00030073	ASTRAGALUS ROOT (RGBRM)
ASB-00030074	ASTRAGALUS ROOT (XRM)
ASB-00030072	ASTRAGALUS ROOT AHP (BRM)
ASB-00030695	ASTRAGALUS ROOT (VBRM)
ASB-00011199	ASTRASIEVERSIANIN 15 (RG)
ASB-00003071	CALYCOSIN (RG)
ASB-00006192	FORMONONETIN (AHP)
ASB-00011190	KAEMPFEROL-7-NEOHESPERIDOSIDE (P)
ASB-00015371	ONONIN (SH)
ASB-00020487	TROJANOSIDE H (RG)

Astragalus Flavonoids

Botanical Name: *Astragalus propinquus* (Syn. *Astragalus membranaceus*)
Other Name: Huang Qi; Chinese Milk Vetch

PART NO.	DESCRIPTION (GRADE)
ASB-00040025	AHP ASTRAGALUS ROOT MONOGRAPH (BK)
ASB-00030073	ASTRAGALUS ROOT (BRM)
ASB-00030074	ASTRAGALUS ROOT (XRM)
ASB-00030072	ASTRAGALUS ROOT AHP (BRM)
ASB-00030695	ASTRAGALUS ROOT (VBRM)
ASB-00003071	CALYCOSIN (RG)
ASB-00006190	FORMONONETIN (SH)
ASB-00015371	ONONIN (SH)

Astragalus Saponins

Botanical Name: *Astragalus propinquus* (Syn. *Astragalus membranaceus*)
Other Name: Huang Qi; Chinese Milk Vetch

PART NO.	DESCRIPTION (GRADE)
ASB-00040025	AHP ASTRAGALUS ROOT MONOGRAPH (BK)
ASB-00111195	ASTRAGALOSIDE I (SH)
ASB-00011196	ASTRAGALOSIDE II (RG)
ASB-00011197	ASTRAGALOSIDE IV (P)
ASB-00030073	ASTRAGALUS ROOT (BRM)
ASB-00030074	ASTRAGALUS ROOT (XRM)
ASB-00030072	ASTRAGALUS ROOT AHP (BRM)
ASB-00030695	ASTRAGALUS ROOT (VBRM)
KIT-00011190	ASTRAGALUS SAPONIN STANDARDS KIT
ASB-00011199	ASTRASIEVERSIANIN 15 (RG)
ASB-00011195	KAEMPFEROL-7-NEOHESPERIDOSIDE (SH)
ASB-00020487	TROJANOSIDE H (RG)

Austrian Clustered Broom

Botanical Name: *Chamaecytisus austriacus*
Other Name: Austrian Clustered Broom

PART NO.	DESCRIPTION (GRADE)
CALL	SPARTEINE, (-)-

Autumn Crocus (Meadow Saffron)

Botanical Name: *Colchicum autumnale*
Other Name: Autumn Crocus; Meadow Saffron; Naked Ladies

PART NO.	DESCRIPTION (GRADE)
ASB-00003702	COLCHICINE (RG)

Avaram

Botanical Name: *Senna auriculata* (Syn. *Cassia auriculata*)
Other Name: Avaram; Tanner's Cassia

PART NO.	DESCRIPTION (GRADE)
ASB-00003635	CHRYSOPIHANOL (SH)
ASB-00005091	EMODIN (P)
ASB-00018395	RUBIADIN (RG)

Ayahuasca

Botanical Name: *Banisteriopsis caapi*
Other Name: Ayahuasca; Cappi; Yage

PART NO.	DESCRIPTION (GRADE)
ASB-00008040	HARMALINE (RG)
ASB-00008042	HARMALOL HCL (SH)
ASB-00008043	HARMANE (SH)
ASB-00008045	HARMINE (SH)

Bacopa

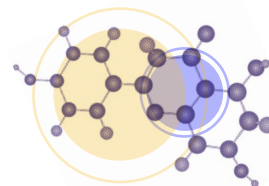
Botanical Name: *Bacopa monnieri*
Other Name: Water Hyssop; Brahmi; Bacopa; Coastal Waterhyssop

PART NO.	DESCRIPTION (GRADE)
ASB-00001900	APIGENIN (P)
KIT-00002009	BACOPA STANDARDS KIT
ASB-00002008	BACOPASAPONIN C (P)
ASB-00002006	BACOPASIDE I (P)
ASB-00002007	BACOPASIDE II (P)
ASB-00002005	BACOSIDE A (P)
ASB-00002011	BACOSIDE A3 (P)
ASB-00002012	BACOSINE (P)
ASB-00010524	JUJUBOGENIN (P)
ASB-00012461	LUTEOLIN (P)
ASB-00019291	SITOSTEROL-3-O-GLUCOSIDE, BETA- (P)
ASB-00030842	WATER HYSSOP/BRAHMI (VBRM)

Barbados Nut

Botanical Name: *Jatropha curcas*
Other Name: Barbados Nut; Physic Nut; Arandi; Purging Nut; Biodiesel tree

PART NO.	DESCRIPTION (GRADE)
CALL	DULCITOL
ASB-00009630	ISOVITEXIN (P)
ASB-00022850	VITEXIN (P)



Product Selection

Barberry

Botanical Name: *Berberis spp.*
Other Name: Barberry; Pepperidge Bush

PART NO.	DESCRIPTION (GRADE)
ASB-00002201	BERBERINE CHLORIDE (AHP)
ASB000030085	BARBERRY ROOT (BRM)

Barberry (European Barberry)

Botanical Name: *Berberis vulgaris*
Other Name: Common Barberry

PART NO.	DESCRIPTION (GRADE)
ASB-00008350	HYDRASTINE, (-)-B- (AHP)
ASB-00016050	PALMATINE CHLORIDE (RG)
ASB-00030085	BARBERRY ROOT (BRM)

Barberry

Botanical Name: *Berberis amurensis*
Other Name: Barberry

PART NO.	DESCRIPTION (GRADE)
ASB-00010150	JATRORRHIZINE HCL (RG)

Barnettia kerrii

Botanical Name: *Barnettia kerrii*
Other Name:

PART NO.	DESCRIPTION (GRADE)
CALL	GLUCONASTURTIIN

Basil (Sweet basil)

Botanical Name: *Ocimum basilicum*
Other Name: Basil; Sweet basil; Albahac; Genovese Basil; other various Basils

PART NO.	DESCRIPTION (GRADE)
ASB-00005375	EUCALYPTOL (SG)
ASB-00015235	OIL, SWEET BASIL (RG)

Basterolienhout

Botanical Name: *Olea exasperata*
Other Name: Basterolienhout; Slanghout; Basteroly

PART NO.	DESCRIPTION (GRADE)
ASB-00005259	ESCULIN (ESCULETIN-6-GLUCOSIDE) (P)

Belladonna

Botanical Name: *Atropa bella-dona*
Other Name: Black Cherry; Deadly Nightshade

PART NO.	DESCRIPTION (GRADE)
ASB-000011075	ATROPINE SULFATE (RG)
KIT-00002059	BELLADONNA STANDARDS KIT 5 x 10mg (RG)
ASB-00008326	HOMATROPINE (RG)
ASB-00008876	HYOSCYAMINE SULFATE (RG)
ASB-00019089	SCOPOLAMINE HBR (RG)
ASB-00020491	TROPINE (RG)

Bellyache Bush

Botanical Name: *Jatropha gossypifolia*
Other Name: Bellyache Bush; Black Physicnut; Cotton-Leaved Physic Nut; Piao or Pinhao Roxo

PART NO.	DESCRIPTION (GRADE)
ASB-00001900	APIGENIN (P)
ASB-00009630	ISOVITEXIN (P)
ASB-00022850	VITEXIN (P)

Betel Pepper

Botanical Name: *Piper betle*
Other Name: Betel; Betel Pepper; Betelvine; Bujo; Betel Leaf Pepper

PART NO.	DESCRIPTION (GRADE)
ASB-00005375	EUCALYPTOL (SG)

Betulin and Betulinic Acid Related

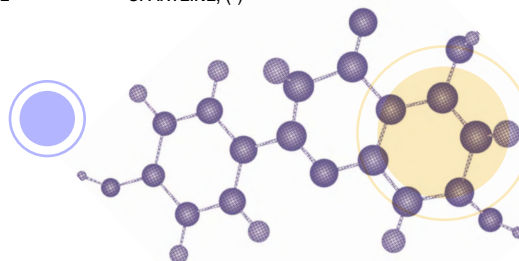
Botanical Name: *Betula spp.*
Other Name: Birch bark

PART NO.	DESCRIPTION (GRADE)
ASB-00002237	BETULIN (RG)
ASB-00002247	BETULINIC ACID (RG)
CALL	21-OXOLUP-18-ENE-3B, 28-DIYL DIACETATE
CALL	ACETYL BETULINIC ACID
CALL	ACETYL DIHYDROBETULINIC ACID
ASB-00002240	BETULIN DIACETATE (RG)
ASB-00002235	BETULIN (P)
ASB-00002250	BETULINIC ACID METHYL ESTER (SH)
ASB-00002245	BETULINIC ACID (P)
CALL	BETULONIC ACID
CALL	DIHYDROBETULIN
CALL	DIHYDROBETULIN DIACETATE
CALL	DIHYDROBETULONIC ACID
CALL	LUP-18-ENE-3B, 28-DIYL DIACETATE
CALL	METHYL BETULONATE
CALL	METHYL DIHYDROBETULINATE
CALL	METHYL-3B-ACETOXY-21-OXOLUP-18-ENE-28-OATE
CALL	METHYL-3B-ACETOXYBETULINATE
CALL	METHYL-3B-ACETOXYDIHYDROBETULINATE
ASB-00030634	BIRCH BARK (VBRM)

Big-Flower Broom

Botanical Name: *Chamaecytisus supinus*
Other Name: Big-Flower Broom

PART NO.	DESCRIPTION (GRADE)
CALL	SPARTEINE, (-)-



Product Selection

Bigroot Cranesbill (Hardy Geranium)

Botanical Name: *Geranium macrorrhizum*
Other Name: Bigroot Cranesbill; Bigroot Geranium; Rock Cranesbill

PART NO.	DESCRIPTION (GRADE)
ASB-00007040	GALLIC ACID (P)
ASB-00007150	GERANIOL (SG)
CALL	GERMACRONE
ASB-00011020	KAEMPFEROL (AHP)
ASB-00017030	QUERCETIN (AHP)
ASB-00018430	RUTIN (AHP)

Bilberry

Botanical Name: *Vaccinium myrtillus*
Other Name: Bilberry; European or Dwarf Blueberry; Whortleberry; Huckleberry; Blaeberry; Whinberry

PART NO.	DESCRIPTION (GRADE)
ASB-00040040	AHP BILBERRY MONOGRAPH (BK)
KIT-00002260	BILBERRY ANTHOCYANIDINS STANDARDS KIT (P)
ASB-00030090	BILBERRY FRUIT (BRM)
ASB-00030091	BILBERRY FRUIT (XRM)
ASB-00003955	CYANIDIN CHLORIDE (P)
ASB-00004125	DELPHINIDIN CHLORIDE (P)
CALL	DELPHINIDIN-3-GALACTOSIDE
ASB-00004127	DELPHINIDIN-3-O-GLUCOSIDE CHLORIDE (RG)
ASB-00013071	MALVIDIN CHLORIDE (SH)
ASB-00016111	PELARGONIDIN CHLORIDE (SH)
ASB-00016371	PEONIDIN CHLORIDE (SH)
ASB-00016416	PETUNIDIN 3-GLUCOSIDE CHLORIDE (RG)

Bishop's Weed

Botanical Name: *Ammi majus*
Other Name: Bishop's Weed; Toothpick-Plant

PART NO.	DESCRIPTION (GRADE)
ASB-00001025	ACACETIN (METHYL-4'-APIGENIN) (SH)
ASB-00011500	KHELLIN (P)

Bitter Almond

Botanical Name: *Prunus dulcis* (Syn. *Prunus amygdalus*)
Other Name: Bitter Almond; Bitter Almond Oil

PART NO.	DESCRIPTION (GRADE)
ASB-00001733	AMYGDALIN (RG)
ASB-00002057	BENZALDEHYDE (SG)

Bitter Cucumber

Botanical Name: *Citrullus colocynthis*
Other Name: Colocynthis; Colocynthis Pulp; Bitter Cucumber; Bitter Apple; Egusi; Vine of Sodom

PART NO.	DESCRIPTION (GRADE)
ASB-00003916	CUCURBITACIN B (RG)
ASB-00003914	CUCURBITACIN D (SH)
ASB-00003910	CUCURBITACIN E (SH)
CALL	CUCURBITACIN E-2-O-GLUCOSIDE
ASB-00003915	CUCURBITACIN I (SH)

Bitter Orange Alkaloids

Botanical Name: *Citrus aurantium*, *Citrus spp.*
Other Name: Bitter Orange; Kuang Chu; Orange Bitters; Naranja Agria; Neroli; Petitgrain

PART NO.	DESCRIPTION (GRADE)
ASB-00030101	BITTER ORANGE (XRM)
ASB-00030102	BITTER ORANGE (BRM)
KIT-00002300	BITTER ORANGE (SYNEPHRINE) STANDARDS KIT (P)
ASB-00008331	HORDENINE SULFATE (P)
ASB-00013661	METHYLTYRAMINE, N- (P)
ASB-00015046	OCTOPAMINE HCL (P)
ASB-00019445	SYNEPHRINE (P)
ASB-00020601	TYRAMINE HCL (P)

Bitter Orange Complete

Botanical Name: *Citrus aurantium*, *Citrus spp.*
Other Name: Bitter Orange; Kuang Chu; Orange Bitters; Naranja Agria; Neroli; Petitgrain

PART NO.	DESCRIPTION (GRADE)
ASB-00030101	BITTER ORANGE (XRM)
ASB-00030102	BITTER ORANGE (BRM)
KIT-00002300	BITTER ORANGE (SYNEPHRINE) STANDARDS KIT (P)
ASB-00008331	HORDENINE SULFATE (P)
ASB-00013661	METHYLTYRAMINE, N- (P)
ASB-00014490	NOBILETIN (P)
ASB-00015046	OCTOPAMINE HCL (P)
ASB-00019265	SINENSETIN (P)
ASB-00019445	SYNEPHRINE (P)
ASB-00020035	TANGERETIN (P)
ASB-00020601	TYRAMINE HCL (P)

Bitter Orange Flavonoids

Botanical Name: *Citrus aurantium*, *Citrus spp.*
Other Name: Bitter Orange; Kuang Chu; Orange Bitters; Naranja Agria; Neroli; Petitgrain

PART NO.	DESCRIPTION (GRADE)
ASB-00030101	BITTER ORANGE (XRM)
ASB-00030100	MANDARIN ORANGE (<i>Citrus reticulata</i>) (BRM)
ASB-00014250	NEOHESPERIDIN (SH)
ASB-00014490	NOBILETIN (P)
ASB-00019265	SINENSETIN (P)
ASB-00020035	TANGERETIN (P)

Bitter Willow

Botanical Name: *Salix eleagnos*
Other Name: Elaeagnus Willow; Bitter Willow; Hoary Willow; Rosemary Willow

PART NO.	DESCRIPTION (GRADE)
ASB-00012500	LUTEOLIN 7-GLUCOSIDE (P)
ASB-00019029	SALICIN (AHP)

Bitter Yam

Botanical Name: *Dioscorea bulbifera*
Other Name: Air Yam; Air Potato; Bitter Yam

PART NO.	DESCRIPTION (GRADE)
CALL	DIOSGIN (P)
ASB-00004916	DIOSGENIN (SAPOGENIN) (P)
CALL	PROTODIOSGIN (P)
CALL	PROTOGRACILLIN (P)

Product Selection

Black Chokeberry; Chokeberry

Botanical Name: *Aronia melanocarpa*
Other Name: Black Chokeberry; Chokeberry

PART NO.	DESCRIPTION (GRADE)
ASB-00003934	CYANIDIN-3-ARABINOSIDE (RG)
ASB-00004125	DELPHINIDIN CHLORIDE (P)

Black Cohosh

Botanical Name: *Actaea racemosa* (Syn. *Cimicifuga racemosa*)
Other Name: Black Cohosh; Black Bugbane; Black Snakeroot; Fairy candle

PART NO.	DESCRIPTION (GRADE)
ASB-00001123	ACETYLCIMIGENOL ARABINOSIDE, 25-0- (SH)
ASB-00001122	ACETYLCIMIGENOL XYLOSIDE, 25-0- (SH)
ASB-00001355	ACTEIN (P)
ASB-00040045	AHP BLACK COHOSH MONOGRAPH (BK)
ASB-00030147	BLACK COHOSH ROOT (BRM)
ASB-00030148	BLACK COHOSH ROOT (XRM)
ASB-00030771	BLACK COHOSH ROOT (VBRM)
KIT-00002335	BLACK COHOSH STANDARDS KIT (P)
ASB-00030149	BLACK COHOSH VOUCHER SPECIMEN (V)
CALL	CIMICIDANOL 3-ARABINOSIDE
ASB-00003646	CIMICIFUGOSIDE H-1 (P)
ASB-00003643	CIMICIFUGOSIDE H-2 (P)
ASB-00003637	CIMICIFUGOSIDE M (P)
ASB-00003642	CIMICIFUGOSIDE (P)
CALL	CIMIGENONE
ASB-00003647	CIMIRACEMOSIDE A (P)
ASB-00003644	CIMIRACEMOSIDE C (P)
ASB-00004130	DEOXYACTEIN, 27- (23-EPI-26-DEOXYACTEIN) (AHP)
ASB-00004152	DEOXYCIMICIFUGOSIDE, 26- (SH)
ASB-00006192	FORMONONETIN (AHP)
ASB-00009251	ISOFERULIC ACID (P)
ASB-00013475	METHYL CIMIGENOL XYLOSIDE, 25-0- (P)
ASB-00003638	NORCIMIFUGIN (P)

Black Cohosh for Adulteration

Botanical Name: *Actaea racemosa* (Syn. *Cimicifuga racemosa*)
Other Name: Black Cohosh; Black Bugbane; Black Snakeroot; Fairy candle

PART NO.	DESCRIPTION (GRADE)
ASB-00003639	CIMIFUGIN (P)
ASB-00003638	NORCIMIFUGIN (P)

Black Currant

Botanical Name: *Ribes nigrum*
Other Name: European Black Currant; Black Current; Cassis; Garden Black Currant

PART NO.	DESCRIPTION (GRADE)
ASB-00004127	DELPHINIDIN-3-O-GLUCOSIDE CHLORIDE (RG)
ASB-00011605	KUROMANIN CHLORIDE (CYANIDIN-3-GLUCOSIDE) (SH)
ASB-00030954	BLACK CURRANT FRUIT (BRM)
ASB-00030982	BLACK CURRANT EXTRACT (XRM)

Black Dot

Botanical Name: *Psoralea corylifolia*
Other Name: Psoralea Seed; Malay Tea; Scurf-Pea; Malaysian Scurfpea; Bu Gu Zhi

PART NO.	DESCRIPTION (GRADE)
ASB-00002033	BAKUCHICIN (RG)
ASB-00002034	BAKUCHIOL (RG)
CALL	PSORALEA (BLACK DOT) STANDARDS KIT
ASB-00016365	PSORALEN (SH)

Black Haw

Botanical Name: *Viburnum prunifolium*
Other Name: Black Haw; Nanny Bush; Stag Bush

PART NO.	DESCRIPTION (GRADE)
ASB-00001655	AMENTOFLAVONE (SH)
ASB-00003310	CATECHIN, (+)- (AHP)
ASB-00005241	ESCULETIN (P)
ASB-00019091	SCOPOLETIN (SH)
ASB-00030666	BLACK HAWBARK (VBRM)

Black Horehound

Botanical Name: *Ballota nigra*
Other Name: Black Horehound

PART NO.	DESCRIPTION (GRADE)
CALL	STACHYDRINE CHLORIDE

Black Mustard

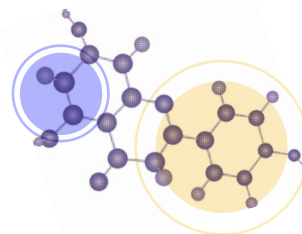
Botanical Name: *Brassica nigra*
Other Name: Black Mustard

PART NO.	DESCRIPTION (GRADE)
CALL	DESULFOGLUCONASTURTIIN
CALL	DESULFOSINIGRIN
CALL	GLUCONASTURTIIN
ASB-00019271	SINIGRIN (SH)

Black Pepper, White Pepper

Botanical Name: *Piper nigrum*
Other Name: Black Pepper; White Pepper

PART NO.	DESCRIPTION (GRADE)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00006005	FERULIC ACID (SH)
ASB-00016869	PIPERINE (P)
ASB-00016306	PROTOCATECHUIC ACID (P)
ASB-00022306	VANILLIC ACID (RG)



Product Selection

Black Tea

Botanical Name: *Camellia sinensis*
Other Name: Black Tea

PART NO.	DESCRIPTION (GRADE)
ASB-00003310	CATECHIN, (+)- (AHP)
ASB-00005135	EPICATECHIN GALLATE, (-)- (P)
ASB-00005125	EPICATECHIN, (-)- (AHP)
ASB-00005150	EPIGALLOCATECHIN GALLATE, (-)- (P)
ASB-00005145	EPIGALLOCATECHIN, (-)- (P)
ASB-00007040	GALLIC ACID (P)
KIT-00003286	GREEN TEA CATECHIN STANDARDS KIT (10mg)
KIT-00020080	THEAFLAVIN (BLACK TEA) STANDARDS KIT (P)
ASB-00020252	THEAFLAVINE (P)
ASB-00020254	THEAFLAVINE-3,3'-DIGALLATE (P)
ASB-00020253	THEAFLAVINE-3,3'-GALLATE (SH)
ASB-00020250	THEANINE, L- (RG)

Black Thorn

Botanical Name: *Acacia mellifera*
Other Name: Black Thorn; Swaarthaak

PART NO.	DESCRIPTION (GRADE)
ASB-00009630	ISOVITEXIN (P)
ASB-00018430	RUTIN (AHP)
ASB-00022850	VITEXIN (P)

Black Willow

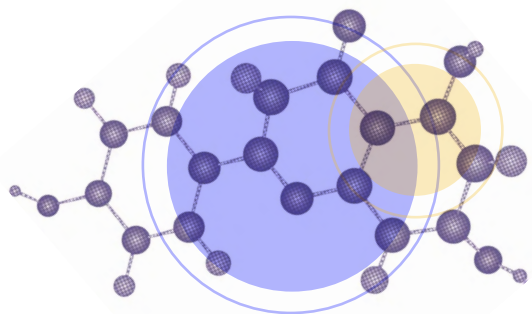
Botanical Name: *Salix nigra*
Other Name: Black Willow; Southwestern Black Willow; Gulf Black Willow; Scythe-Leaved Willow

PART NO.	DESCRIPTION (GRADE)
ASB-00009630	ISOVITEXIN (P)
ASB-00018430	RUTIN (AHP)
ASB-00022850	VITEXIN (P)

Blood Tree

Botanical Name: *Harungana madagascariensis*
Other Name: Blood Tree; Orange-Milk Tree; Dragon's-Blood Tree; Haronga; Harungana

PART NO.	DESCRIPTION (GRADE)
ASB-00005125	EPICATECHIN, (-)- (AHP)
ASB-00008910	HYPERICIN (P)
ASB-00016230	PROCYANIDIN B1 (SH)
ASB-00016231	PROCYANIDIN B2 (SH)
ASB-00016355	PSEUDOHYPERICIN (P)



Bloodwort

Botanical Name: *Sanguisorba officinalis*
Other Name: Great burnet; Burnet Bloodwort; Great Burnet; Official Burnet

PART NO.	DESCRIPTION (GRADE)
ASB-00002247	BETULINIC ACID (RG)
ASB-00003310	CATECHIN, (+)- (AHP)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00003931	CYANIDIN-3,5-DIGLUCOSIDE (SH)
ASB-00005071	ELLAGIC ACID (P)
ASB-00007040	GALLIC ACID (P)
ASB-00008035	HAMAMELITANNIN
ASB-00011605	KUROMANIN CHLORIDE (CYANIDIN-3-GLUCOSIDE) (SH)

Blue Arctic Willow (Basket Willow)

Botanical Name: *Salix purpurea*
Other Name: Purpleosier Willow; Purple Osier; Blue Arctic Willow; Basket Willow; Purple Willow

PART NO.	DESCRIPTION (GRADE)
ASB-00003310	CATECHIN, (+)- (AHP)
ASB-00005060	ELEUTHEROSIDE B (P)
ASB-00019029	SALICIN (AHP)

Blue Flag Root

Botanical Name: *Iris versicolor*
Other Name: Blue Flag Root; Harlequin Blueflag; Larger Blue Flag

PART NO.	DESCRIPTION (GRADE)
ASB-00006316	FURFURAL (SG)
ASB-00012080	LAURIC ACID (SG)
ASB-00016051	PALMITIC ACID 98% (RG)
ASB-00019034	SALICYLIC ACID (P)
ASB-00019350	STEARIC ACID (PURE) (RG)
ASB-00020040	TANNIN (TANNIC ACID) (RG)

Blueberry Willow

Botanical Name: *Salix myrsinifolia* (Syn. *Salix nigricans*)
Other Name: Blueberry Willow

PART NO.	DESCRIPTION (GRADE)
ASB-00003310	CATECHIN, (+)- (AHP)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00019029	SALICIN (AHP)

Blue-Pod Lupine

Botanical Name: *Lupinus polyphyllus*
Other Name: Big-Leaf Lupin; Blue-Pod Lupine; Bigleaf Lupine; Many-Leaved Lupine; Garden Lupin

PART NO.	DESCRIPTION (GRADE)
CALL	SPARTEINE, (-)-

Bo Tree (Beepul Tree)

Botanical Name: *Ficus religiosa*
Other Name: Bo Tree; Beepul Tree; Sacred Tree; Peepul Tree; Sacred Fig

PART NO.	DESCRIPTION (GRADE)
ASB-00012391	LUPEOL (SH)
ASB-00015303	OLEANOLIC ACID (P)

Product Selection

Boswellia

Botanical Name: *Boswellia serrata*
Other Name: Boswellin; Indian Frankincense; Salai

PART NO.	DESCRIPTION (GRADE)
ASB-00002570	ACETYL-11-KETO-B-BOSWELLIC ACID, 3- (P)
ASB-00002560	ACETYL-A-BOSWELLIC ACID, 3- (P)
ASB-00002565	ACETYL-B-BOSWELLIC ACID, 3- (P)
ASB-00002357	BORNYL ACETATE
ASB-00030156	<i>Boswellia serrata</i> VOUCHER (VBRM)
KIT-00002600	BOSWELLIA STANDARDS KIT
ASB-00002550	BOSWELLIC ACID, A- (P)
ASB-00002555	BOSWELLIC ACID, B- (P)
ASB-00030155	INDIAN FRANKINCENSE (<i>Boswellia serrata</i>) (XRM)
ASB-00030833	INDIAN FRANKINCENSE (<i>Boswellia serrata</i>) (RGBRM)
ASB-00002575	KETO-B-BOSWELLIC ACID, 11- (P)

British Yellowhead

Botanical Name: *Inula britannica*
Other Name: British Yellowhead; Yellowhead; Xuan Fu Hua; Inula; Yellow Starwort

PART NO.	DESCRIPTION (GRADE)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00009505	ISOQUERCETIN (P)
ASB-00011020	KAEMPFEROL (AHP)
ASB-00012461	LUTEOLIN (P)
ASB-00017030	QUERCETIN (AHP)

Broadleaf Paperbark Tree

Botanical Name: *Melaleuca leucadendra*
Other Name: Broadleaf Paperbark; Broadleaf Teatree; Paperbark; River Teatree; Weeping Teatree; Cajuput Tree

PART NO.	DESCRIPTION (GRADE)
CALL	METHYLEUGENOL

Brooklime (European Brooklime)

Botanical Name: *Veronica beccabunga*
Other Name: European Speedwell; Brooklime; European Brooklime

PART NO.	DESCRIPTION (GRADE)
ASB-00011085	AUCUBIN (P)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00006005	FERULIC ACID (SH)
ASB-00022306	VANILLIC ACID (RG)

Buckbean (Bogbean)

Botanical Name: *Menyanthes trifoliata*
Other Name: Buckbean; Bogbean; Common Bogbean; Marsh-Clover; Marsh-Trefoil; Water-Trefoil; Bitterklee; Fieberklee

PART NO.	DESCRIPTION (GRADE)
ASB-00012351	LOGANIN (RG)

Buckthorn

Botanical Name: *Rhamnus catharticus*
Other Name: Common Buckthorn; Buckthorn; Purging Buckthorn; Prickly Buckthorn

PART NO.	DESCRIPTION (GRADE)
ASB-00003635	CHRYSOPHANOL (SH)
ASB-00005091	EMODIN (P)
ASB-00016790	PHYSICION (SH)

Buckthorn (European)

Botanical Name: *Rhamnus frangula*
Other Name: Glossy, European, European Alder, Fernleaf, or Tailhedge Buckthorn

PART NO.	DESCRIPTION (GRADE)
ASB-00003635	CHRYSOPHANOL (SH)
ASB-00005091	EMODIN (P)
ASB-00006210	FRANGULIN A (RG)
ASB-00006215	FRANGULIN B (RG)
ASB-00009505	ISOQUERCETIN (P)
ASB-00009520	ISORHAMNETIN (P)
ASB-00011020	KAEMPFEROL (AHP)
ASB-00016790	PHYSICION (SH)
ASB-00017030	QUERCETIN (AHP)

Bugle

Botanical Name: *Ajuga reptans*
Other Name: Blue Bugle; Bugleherb; Bugleweed; Carpetweed; Common Bugle

PART NO.	DESCRIPTION (GRADE)
CALL	HARPAGIDE

Bupleurum

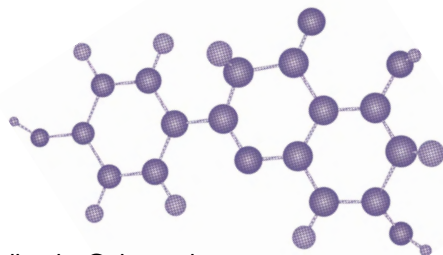
Botanical Name: *Bupleurum* spp.
Other Name: Chai-hu; Hares' Ear

PART NO.	DESCRIPTION (GRADE)
ASB-00019010	SAIKOSAPONIN A (RG)
ASB-00019012	SAIKOSAPONIN B2 (RG)
ASB-00019015	SAIKOSAPONIN C (P)
ASB-00019020	SAIKOSAPONIN D (RG)
KIT-00002471	BUPLEURUM SAIKOSOPNIN STANDARDS KIT

Bupleurum

Botanical Name: *Bupleurum chinense*
Other Name: Bupleurum Root; Chinese Thorowax Root; Thorowax

PART NO.	DESCRIPTION (GRADE)
ASB-00011020	KAEMPFEROL (AHP)
ASB-00018430	RUTIN (AHP)
ASB-00030164	BUPLEURUM CHINENSIS ROOT (XRM)
ASB-00030165	BUPLEURUM CHINENSIS ROOT (BRM)



Product Selection

Burdock

Botanical Name: *Arctium lappa*
Other Name: Burdock; Gobo; Great or Greater Burdock; Edible Burdock; Lappa Burdock

PART NO.	DESCRIPTION (GRADE)
ASB-00001978	ARCTIGENIN (P)
ASB-00001977	ARCTIIN (P)
KIT-00002479	BURDOCK STANDARDS KIT
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00012391	LUPEOL (SH)

Burnet Saxifrage

Botanical Name: *Pimpinella saxifraga*
Other Name: Burnet Saxifrage; Solidstem Burnet Saxifrage; Salad Burnet; Pimpinella

PART NO.	DESCRIPTION (GRADE)
ASB-00009505	ISOQUERCETIN (P)
ASB-00018430	RUTIN (AHP)

Butchers Broom

Botanical Name: *Ruscus aculeatus*
Other Name: Butcher's Broom; Sweet Broom; Box Holly; Jew's Myrtle; Knee Holly; Knee-holm; Pettigree; Bruscus

PART NO.	DESCRIPTION (GRADE)
ASB-00030658	BUTCHERS BROOM ROOT (VBRM)
ASB-00031014	BUTCHERS BROOM ROOT (BRM)
KIT-00002478	BUTCHERS BROOM STANDARDS KIT
ASB-00004232	DEGLUCORUSCIN (P)
ASB-00009505	ISOQUERCETIN (P)
ASB-00014287	NEORUSCOGENIN (P)
ASB-00018414	RUSCIN (P)
ASB-00018415	RUSCOGENIN (P)
ASB-00018416	RUSCOSAPONIN A (P)
ASB-00018417	RUSCOSAPONIN B (P)
ASB-00018430	RUTIN (AHP)
ASB-00022850	VITEXIN (P)

Butterbur

Botanical Name: *Petasites hybridus*
Other Name: Butterbur; Pestilence Wort; Bladderlock; Bog Rhubarb

PART NO.	DESCRIPTION (GRADE)
ASB-00019139	SENKIRKIN (RENARDINE) (RG)

Cabbage Thistle

Botanical Name: *Cirsium oleraceum*
Other Name: Cabbage Thistle

PART NO.	DESCRIPTION (GRADE)
ASB-00001977	ARCTIIN (P)

Cade Juniper

Botanical Name: *Juniperus oxycedrus*
Other Name: Cade Juniper; Prickly Juniper; Prickly Cedar; Spanish Cedar

PART NO.	DESCRIPTION (GRADE)
ASB-00007418	GUAIACOL (P)

Californian Poppy

Botanical Name: *Eschscholzia californica*
Other Name: Californian Poppy

PART NO.	DESCRIPTION (GRADE)
ASB-00002201	BERBERINE CHLORIDE (AHP)
ASB-00030640	CALIFORNIA POPPY HERB (VBRM)
ASB-00030969	CALIFORNIA POPPY HERB (RGBRM)
CALL	CALIFORNIDINE
ASB-00003770	COPTISINE CHLORIDE (RG)
ASB-00019045	SANGUINARINE CHLORIDE (SH)

Calophylla

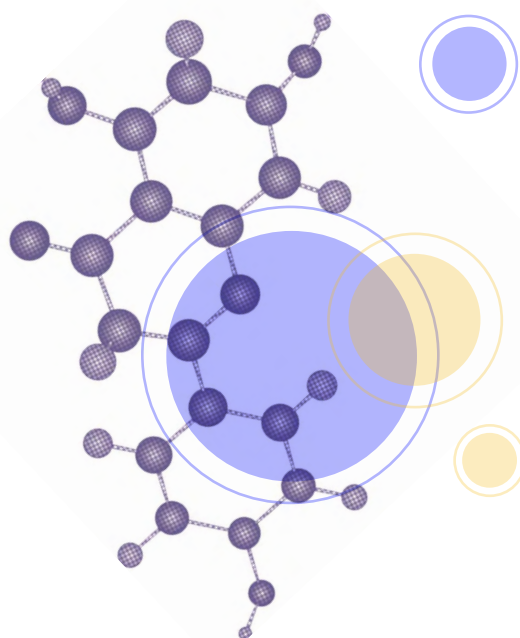
Botanical Name: *Uncaria calophylla*
Other Name: Cat's Claw

PART NO.	DESCRIPTION (GRADE)
ASB-00009417	ISOMITRAPHYLLINE (P)
ASB-00013955	MITRAPHYLLINE (P)
ASB-00018430	RUTIN (AHP)

Camptothecins

Botanical Name: *Camptotheca acuminata*
Other Name: Cancer Tree; Happy Tree; Tree of Joy; Xi Shu

PART NO.	DESCRIPTION (GRADE)
KIT-00003090	CAMPTOTHECA KIT 4 X 25mg (SH)
ASB-00003085	CAMPTOTHECIN (P)
ASB-00003088	CAMPTOTHECIN, 10-HYDROXY (SH)
ASB-00003086	CAMPTOTHECIN, 9-AMINO- (SH)
ASB-00003089	CAMPTOTHECIN, 9-NITRO-20 (S)- (RG)
ASB-00009165	IRINOTECAN HCL (P)
ASB-00020340	TOPOTECAN HCL (P)



Product Selection

Canada Thistle

Botanical Name: *Cirsium arvense*
Other Name: Canada Thistle; (California, Creeping, Corn, Perennial, or Field) Thistle

PART NO.	DESCRIPTION (GRADE)
ASB-00001900	APIGENIN (P)
ASB-00003830	APIGENIN-7-GLUCOSIDE (COSMOSIIN) (P)
ASB-00001977	ARCTIIN (P)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00012500	LUTEOLIN 7-GLUCOSIDE (P)
ASB-00012461	LUTEOLIN (P)

Canadian Goldenrod

Botanical Name: *Solidago canadensis*
Other Name: Late Goldenrod; Canadian Goldenrod; Common Goldenrod; Canada Goldenrod

PART NO.	DESCRIPTION (GRADE)
ASB-00011055	ASTRAGALIN (KAEMPFEROL-3-GLUCOSIDE) (P)
ASB-00002357	BORNYL ACETATE (SG)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00008916	HYPEROSIDE (P)
ASB-00009505	ISOQUERCETIN (P)
ASB-00009520	ISORHAMNETIN (P)
ASB-00011020	KAEMPFEROL (AHP)
ASB-00012453	LUTEIN (P)
ASB-00017030	QUERCETIN (AHP)
ASB-00017170	QUERCITRIN (SH)
ASB-00018430	RUTIN (AHP)
ASB-00030693	CANADIAN GOLDENROD HERB (VBRM)

Canadian Wild Ginger

Botanical Name: *Asarum canadense*
Other Name: Canadian Wildginger; Wild Ginger

PART NO.	DESCRIPTION (GRADE)
CALL	METHYLEUGENOL

Canafistula

Botanical Name: *Cassia fistula*
Other Name: Canafistula; Golden Shower; Indian Laburnum; Purging Fistula or Cassia

PART NO.	DESCRIPTION (GRADE)
ASB-00003310	CATECHIN, (+)- (AHP)
ASB-00003635	CHRYSOPHANOL (SH)
ASB-00011020	KAEMPFEROL (AHP)
ASB-00016790	PHYSCION (SH)
ASB-00018230	RHEIN (SH)

Canary Laurel

Botanical Name: *Laurus azorica*
Other Name: Canary Laurel; Azores Laurel

PART NO.	DESCRIPTION (GRADE)
ASB-00005375	EUCALYPTOL (SG)

Caper Spurge

Botanical Name: *Euphorbia lathyris*
Other Name: Caper Spurge; Moleplant; Paper Spurge

PART NO.	DESCRIPTION (GRADE)
ASB-00002237	BETULIN (RG)
ASB-00003838	COUMARIC ACID, P- (RG)
CALL	EUPHORBIA FACTOR L3
CALL	EUPHORBIASTERIOD
ASB-00006005	FERULIC ACID (SH)
ASB-00012391	LUPEOL (SH)

Carnitine

Botanical Name:
Other Name:

PART NO.	DESCRIPTION (GRADE)
ASB-00003195	CARNITINE CHLORIDE, DL- (RG)
ASB-00003194	CARNITINE, L- (RG)
ASB-00003894	CROTONYLBETAINE (CARNITINE IMPURITY) (RG)

Cascara Sagrada

Botanical Name: *Rhamnus purshianus*
Other Name: Cascara Sagrada; Californian Buckthorn; (Chittam, Sacred, or Persian) Bark; Bearberry

PART NO.	DESCRIPTION (GRADE)
ASB-00001610	ALOE EMODIN (P)
ASB-00001625	ALOIN A (BARBALOIN) (P)
ASB-00003635	CHRYSOPHANOL (SH)
ASB-00005091	EMODIN (P)
ASB-00016790	PHYSCION (SH)

Cat Thyme Germander

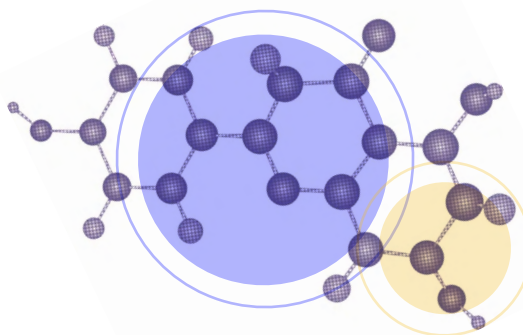
Botanical Name: *Teucrium marum*
Other Name: Cat Thyme; Cat Thyme Germander

PART NO.	DESCRIPTION (GRADE)
ASB-00012461	LUTEOLIN (P)

Catalpa (Indian Bean)

Botanical Name: *Catalpa bungei*
Other Name: Catalpa; Indian Bean

PART NO.	DESCRIPTION (GRADE)
ASB-00003274	CATALPOL (SH)



Product Selection

Catechu

Botanical Name: *Acacia catechu*
Other Name: Catechu; Cachou; Black Cutch

PART NO.	DESCRIPTION (GRADE)
ASB-00003310	CATECHIN, (+)- (AHP)
ASB-00005125	EPICATECHIN, (-)- (AHP)
ASB-00007040	GALLIC ACID (P)
ASB-00008916	HYPEROSIDE (P)
ASB-00009505	ISOQUERCETIN (P)
ASB-00012500	LUTEOLIN 7-GLUCOSIDE (P)
ASB-00017171	QUERCITRIN (P)
ASB-00018430	RUTIN (AHP)
ASB-00022850	VITEXIN (P)

Catnip

Botanical Name: *Nepeta cataria*
Other Name: Catnip; Catmint

PART NO.	DESCRIPTION (GRADE)
ASB-00003230	CARVACROL (SG)
ASB-00003250	CARYOPHYLLENE, (-)-trans- (SG)
ASB-00030981	CATS CLAW BARK (VBRM)
KIT-00003324	CATS CLAW HPLC KIT
ASB-00003667	CITRAL (SG)
ASB-00003669	CITRONELLAL, (-)- (SG)
ASB-00007150	GERANIOL (SG)
CALL	NEPETALACTONE
ASB-00016405	PULEGONE, R-(+)- (SG)
ASB-00016406	PULEGONE, S-(-)- (SG)
ASB-00020295	THYMOL (SG)

Cat's Claw

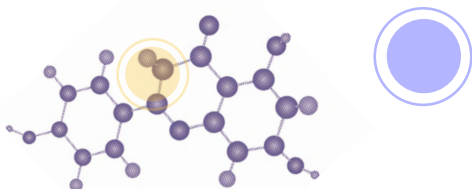
Botanical Name: *Uncaria tomentosa*
Other Name: Cat's Claw; Garabato Amarillo; Hawk's Claw; Una de Gato

PART NO.	DESCRIPTION (GRADE)
KIT-00003323	CATS CLAW STANDARDS KIT (P)
ASB-00005125	EPICATECHIN, (-)- (AHP)
ASB-00009417	ISOMITRAPHYLLINE (P)
ASB-00013955	MITRAPHYLLINE (P)
ASB-00021220	UNCARINE C (P)
ASB-00021230	UNCARINE D (P)
ASB-00021225	UNCARINE E (P)

Cat's Whisker

Botanical Name: *Orthosiphon aristatus*
Other Name: Cat's Whisker; Java Tea

PART NO.	DESCRIPTION (GRADE)
ASB-00008067	hederagenin (RG)
ASB-00018370	rosmarinic acid (P)
ASB-00019265	sinensetin (P)



Cayenne Pepper

Botanical Name: *Capsicum frutescens*
Other Name: Bird Pepper; Tabasco Pepper; Cayenne Pepper; Chili Pepper

PART NO.	DESCRIPTION (GRADE)
ASB-00003135	CAPSAICIN (METHYL-N-VANILLYL-6-NONENEAMIDE) (P)
ASB-00003135	CAPSAICIN (METHYL-N-VANILLYL-6-NONENEAMIDE) (P)
ASB-00003130	CAPSAICIN (MIX OF CAPSAICIN AND DIHYDRO) (RG)
ASB-00003137	CAPSAICIN (PSEUDOCAPSAICIN) (SYNTHETIC) (P)
KIT-00003329	CAYENNE (CAPSAICINS) STANDARDS KIT (P)
ASB-00004452	DIHYDROCAPSAICIN (P)
CALL	NORDIHYDROCAPSAICIN
CALL	VANILLYLNONAMIDE, N-

Celandine

Botanical Name: *Chelidonium majus*
Other Name: Celandine; Greater Celandine; Tetterwort

PART NO.	DESCRIPTION (GRADE)
ASB-00002201	BERBERINE CHLORIDE (AHP)
ASB-00003023	CAFFEYOYLMALIC ACID (P)
ASB-00003394	CHELERYTHRINE (TODDALINE) (RG)
ASB-00003405	CHELIDONINE, (+)- (RG)
ASB-00003770	COPTISINE CHLORIDE (RG)
ASB-00013025	MAGNOFLORINE IODIDE, (+)- (RG)
ASB-00016315	PROTOPINE HCL (FUMARINE HCL) (RG)
ASB-00019045	SANGUINARINE CHLORIDE (SH)
CALL	SPARTEINE, (-)-
ASB-00019370	STYLOPINE (P)
ASB-00020159	TETRAHYDROCOPTISINE (P)
ASB-00020601	TYRAMINE HCL (P)

Celery

Botanical Name: *Apium graveolens*
Other Name: Celery; Wild Celery

PART NO.	DESCRIPTION (GRADE)
ASB-00003830	APIGENIN-7-GLUCOSIDE (COSMOSIIN) (P)
ASB-00001930	APIIN (P)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00003838	COUMARIC ACID, P- (RG)
ASB-00006005	FERULIC ACID (SH)
ASB-00006316	FURFURAL (SG)
ASB-00009526	ISOIMPERATORIN (P)
ASB-00009505	ISOQUERCETIN (P)
ASB-00012080	LAURIC ACID (SG)
ASB-00012180	LIGUSTILIDE, Z- (AHP)
ASB-00012500	LUTEOLIN 7-GLUCOSIDE (P)
ASB-00016051	PALMITIC ACID 98% (RG)
ASB-00019034	SALICYLIC ACID (P)
ASB-00019091	SCOPOLETIN (SH)
ASB-00019350	STEARIC ACID (PURE) (RG)
ASB-00020040	TANNIN (TANNIC ACID) (RG)
ASB-00030631	CELERY WILD SEED (VBRM)



Product Selection

Centaurium

Botanical Name: *Centaurium* spp.
Other Name: Centary

PART NO.	DESCRIPTION (GRADE)
ASB-00001650	AMAROGENTIN (P)
ASB-00006005	FERULIC ACID (SH)
ASB-00007131	GENTIOPICROSIDE (RG)
ASB-00016306	PROTocatechuic Acid (P)
ASB-00019435	SWEROSIDE (P)
ASB-00019440	SWERTIAMARIN (P)

Cetraria Lichen

Botanical Name: *Cetraria ericetorum*
Other Name: Cetraria Lichen; A Lichen; Iceland Lichen

PART NO.	DESCRIPTION (GRADE)
ASB-00021800	USNIC ACID, (+)- (RG)

Chaff Flower

Botanical Name:
Other Name: Chaff Flower; Devil's Horsewhip; Burweed; Prickly or Rough Chaff Flower

PART NO.	DESCRIPTION (GRADE)
ASB-00005015	ECDYSONE, BETA- (P)

Chamber Bitter

Botanical Name: *Phyllanthus urinaria*
Other Name: Chamber Bitter; Chanca piedra; Shatterstone; Meniran; Stone Breaker; Leafflower; Gripeweed

PART NO.	DESCRIPTION (GRADE)
ASB-00011055	ASTRAGALIN (KAEMPFEROL-3-GLUCOSIDE) (P)
ASB-00009505	ISOQUERCETIN (P)
ASB-00012391	LUPEOL (SH)
ASB-00017030	QUERCETIN (AHP)
ASB-00018430	RUTIN (AHP)

Chameleon

Botanical Name: *Houttuynia cordata*
Other Name: Chameleon; Chameleon Plant; Heartleaf; Giap Ca

PART NO.	DESCRIPTION (GRADE)
CALL	METHYL NONYL KETONE

Chamisso Arnica

Botanical Name: *Arnica chamissonis*
Other Name: Chamisso Arnica

PART NO.	DESCRIPTION (GRADE)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00003990	CYNARIN (ECHINACEA) (1,3-DICAFFEYOYLQUINIC ACID) (AHP)
ASB-00012453	LUTEIN (P)
ASB-00017030	QUERCETIN (AHP)
ASB-00030849	CHAMISSO ARNICA FLOWER (RGRM)

Chamomile

Botanical Name: *Matricaria recutita* (Syn. *Chamomilla chamomilla*, *Chamomilla recutita*, *Matricaria chamomilla*, and *Matricaria suaveolens*)
Other Name: German Chamomile; Camomile; Blue Chamomile; Wild Chamomile; Hungarian Chamomile; Scented Mayweed

PART NO.	DESCRIPTION (GRADE)
ASB-00001900	APIGENIN (P)
ASB-00003830	APIGENIN-7-GLUCOSIDE (COSMOSIIN) (P)
CALL	BISABOLOL OXIDE A
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00030173	CHAMOMILE FLOWER (RGRM)
ASB-00030692	CHAMOMILE FLOWER (VBRM)
ASB-00030848	CHAMOMILE FLOWER (BRM)
ASB-00003383	CHAMAZULENE (RG)
ASB-00012461	LUTEOLIN (P)
CALL	METHOXYCOUMARIN, 7-
ASB-00017030	QUERCETIN (AHP)
ASB-00022306	VANILLIC ACID (RG)
ASB-00001905	APIGENIN (SH)
ASB-00003831	APIGENIN-7-GLUCOSIDE (COSMOSIIN) (SH)
KIT-00003382	CHAMOMILE STANDARDS KIT (SH)
ASB-00008916	HYPEROSIDE (P)
ASB-00012500	LUTEOLIN-7-O-GLUCOSIDE (CYNAROSIDE) (P)
ASB-00018430	RUTIN (AHP)

Chasemiich

Botanical Name: *Terminalia macroptera*
Other Name: Chasemiich

PART NO.	DESCRIPTION (GRADE)
ASB-00005071	ELLAGIC ACID (P)

Chaste Tree

Botanical Name: *Vitex agnus-castus*
Other Name: Lilac Chastetree; Hemp Tree; Chasteberry; Monk's Pepper

PART NO.	DESCRIPTION (GRADE)
ASB-00011150	AGNUSIDE (P)
ASB-000400700	AHP CHASTE TREE FRUIT MONOGRAPH (BK)
ASB-00011085	AUCUBIN (P)
ASB-00002357	BORNYL ACETATE (SG)
ASB-00003272	CASTICIN (P)
ASB-00030270	CHASTE TREE BERRY (FRUIT) (RGRM)
ASB-00030271	CHASTE TREE BERRY (FRUIT) (XRM)
ASB-00030780	CHASTE TREE FRUIT (VBRM)
ASB-00030821	CHASTE TREE FRUIT (BRM)
KIT-00003384	CHASTE TREE (VITEX) HPLC KIT
KIT-00003384	CHASTE TREE (VITEX) STANDARDS KIT (P)
ASB-00003385	CHEBULINIC ACID (P)
ASB-00005375	EUCALYPTOL (SG)
ASB-00008320	HOMOORIENTIN (ISOORIENTIN) (SH)
ASB-00009630	ISOVITEXIN (P)
ASB-00012500	LUTEOLIN 7-GLUCOSIDE (P)
ASB-00012500	LUTEOLIN-7-O-GLUCOSIDE (CYNAROSIDE) (P)
ASB-00015381	ORIENTIN (SH)
ASB-00022845	VITEXILACTONE (P)

Product Selection

Cherokee Rose

Botanical Name: *Rosa laevigata*
Other Name: Cherokee Rose; Jin Ying Zi

PART NO.	DESCRIPTION (GRADE)
ASB-00003838	COUMARIC ACID, P- (RG)
ASB-00015303	OLEANOLIC ACID (P)

Chinese Blister Beetle

Botanical Name: *Mylabris cichorii*
Other Name: Blister Beetle; Telini Fly; Chinese Blister Beetle

PART NO.	DESCRIPTION (GRADE)
CALL	CANTHARIDINE

Chinese Catalpa

Botanical Name: *Catalpa ovata*
Other Name: Chinese Catalpa; Egg-Leaf Indian-Plantain; Ovateleaf Cacalla; Yellow Catalpa

PART NO.	DESCRIPTION (GRADE)
ASB-00003274	CATALPOL (SH)
ASB-00003838	COUMARIC ACID, P- (RG)
ASB-00006005	FERULIC ACID (SH)
ASB-00009251	ISOFERULIC ACID (P)
ASB-00012065	LAPACHOL (RG)
ASB-00012391	LUPEOL (SH)
ASB-00022306	VANILLIC ACID (RG)

Chinese Cinnamon

Botanical Name: *Cinnamomum aromaticum* (Syn. *C. cassia*)
Other Name: Chinese Cinnamon; Cassia Bark

PART NO.	DESCRIPTION (GRADE)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003310	CATECHIN, (+)- (AHP)
ASB-00003838	COUMARIC ACID, P- (RG)
ASB-00005125	EPICATECHIN, (-)- (AHP)
ASB-00006005	FERULIC ACID (SH)
ASB-00016306	PROTocatechuic Acid (P)
ASB-00022306	VANILLIC ACID (RG)
ASB-00030060	CINNAMON BARK (CHINESE) (BRM)

Chinese Danshen

Botanical Name: *Salvia miltiorrhiza*
Other Name: Red Sage; Red-Rooted Salvia; Chinese Danshen; Red Sage Root; Red-Rooted Sage

PART NO.	DESCRIPTION (GRADE)
KIT-00004024	DANSHEN TANSINONE STANDARDS KIT (P)
ASB-00009251	ISOFERULIC ACID (P)
ASB-00018370	ROSMARINIC ACID (P)
ASB-00019560	SALVIANOLIC ACID B (P)
ASB-00020042	TANSINONE I (P)
ASB-00020043	TANSINONE IIA (P)
ASB-00020041	TANSINONE, CRYPTO (P)
ASB-00020044	TANSINONE, DIHYDRO (P)

Chinese Figwort

Botanical Name: *Scrophularia ningpoensis*
Other Name: Scrophularia; Chinese Figwort; Xuan Shen; Ningpo Figwort

PART NO.	DESCRIPTION (GRADE)
ASB-00011085	AUCUBIN (P)
CALL	HARPAGIDE
ASB-00008055	HARPAGOSIDE (SH)

Chinese Foxglove

Botanical Name: *Rehmannia glutinosa*
Other Name: Chinese foxglove; Rehmannia; Processed Rehmania; Dihuang; Gan Dihuang

PART NO.	DESCRIPTION (GRADE)
CALL	ACETYLLACTEOSIDE, 6-
ASB-00011085	AUCUBIN (P)
ASB-00003274	CATALPOL (SH)
ASB-00005020	ECHINACOSIDE (AHP)
ASB-00007070	GENIPOSIDE (RG)
ASB-00009627	ISOVERBASCOSIDE (P)
ASB-00012461	LUTEOLIN (P)
ASB-00022390	VERBASCOSIDE (P)

Chinese Licorice

Botanical Name: *Glycyrrhiza uralensis*
Other Name: Gan Cao; Licorice Root; Licorice; Liquorice; Sweet Root; Chinese Licorice

PART NO.	DESCRIPTION (GRADE)
ASB-00006192	FORMONONETIN (AHP)
ASB-00007365	GLYCYRRHETINIC ACID, 18a- (RG)
ASB-00007375	GLYCYRRHIZIC ACID (P)
ASB-00030376	LICORICE (CHINESE) ROOT (BRM)

Chinese Moonseed

Botanical Name: *Sinomenium acutum*
Other Name: Chinese Moonseed

PART NO.	DESCRIPTION (GRADE)
ASB-00019280	SINOMENINE HCL (P)

Chinese Motherwort

Botanical Name: *Leonorus japonicus*
Other Name: Chinese Motherwort

PART NO.	DESCRIPTION (GRADE)
CALL	STACHYDRINE CHLORIDE

Chinese Peony

Botanical Name: *Paeonia lactiflora*
Other Name: Chinese Peony; Common Garden Peony; White Peony; Peony

PART NO.	DESCRIPTION (GRADE)
ASB-00011055	ASTRAGALIN (KAEMPFEROL-3-GLUCOSIDE) (P)
ASB-00011020	KAEMPFEROL (AHP)
ASB-00016020	PAEONIFLORIN (P)
ASB-00016030	PAEONOL (SH)
ASB-00017030	QUERCETIN (AHP)

Product Selection

Chinese Plum Yew

Botanical Name: *Cephalotaxus fortunei*
Other Name: Chinese Plum Yew; Plum-yew; Three-Pointed Fir; San Jian Shan

PART NO.	DESCRIPTION (GRADE)
ASB-00008315	HOMOHARRINGTONINE (P)
ASB-00001610	ALOE EMODIN (P)
ASB-00003310	CATECHIN, (+)- (AHP)
ASB-00003635	CHRYSOPHANOL (SH)
ASB-00005091	EMODIN (P)
ASB-00005135	EPICATECHIN 3-GALLATE, (-)- (P)
ASB-00007040	GALLIC ACID (P)
ASB-00018220	RHAPONTICIN (RG)
ASB-00018230	RHEIN (SH)
ASB-00019156	SENNOSIDE A (SH)
ASB-00019161	SENNOSIDE B (SH)

Chinese Senna

Botanical Name: *Senna tora* (Syn. *Cassia tora*)
Other Name: Chinese Senna

PART NO.	DESCRIPTION (GRADE)
ASB-00020993	CHINESE SENNA (RGRBM)

Chinese Skullcap

Botanical Name: *Scutellaria baicalensis*
Other Name: Baikal Skullcap; Chinese Skullcap; Golden Root; Asian skullcap; Huang Qin

PART NO.	DESCRIPTION (GRADE)
ASB-00002015	BAICALEIN (P)
ASB-00002025	BAICALEIN-5,6,7-TRIMETHYL ETHER (RG)
ASB-00002020	BAICALEIN-7-METHYL ETHER (RG)
ASB-00002030	BAICALIN (P)
ASB-00019095	SCUTELLAREIN TETRAMETHYLETHER (RG)
ASB-00019096	SCUTELLAREIN (SH)
ASB-00030740	SKULLCAP (CHINESE) ROOT (RBRM)
ASB-00030741	SKULLCAP (CHINESE) CURED ROOT (RBRM)
ASB-00030873	SKULLCAP (CHINESE) ROOT (BRM)
ASB-00030876	SKULLCAP (CHINESE) ROOT (RGRBM)
KIT-00019575	SKULLCAP STANDARDS KIT (SH)
ASB-00023510	WOGONIN (P)

Chinese Smilax

Botanical Name: *Smilax china*
Other Name: China Root; Chinese Smilax

PART NO.	DESCRIPTION (GRADE)
ASB-00004914	DIOSCIN (P)

Chinese Wormwood

Botanical Name: *Artemisia apiacea*
Other Name: Chinese Wormwood

PART NO.	DESCRIPTION (GRADE)
ASB-00011014	ARTEMISSETIN (P)

Chinese Yam

Botanical Name: *Dioscorea opposita*
Other Name: Chinese Yam; Shan Yao; Chinese Wild Yam; Mountain Medicine

PART NO.	DESCRIPTION (GRADE)
ASB-00001835	ANDROSTENEDIONE (SH)

Chitra

Botanical Name: *Berberis asiatica*
Other Name: Chitra

PART NO.	DESCRIPTION (GRADE)
ASB-00002201	BERBERINE CHLORIDE (AHP)
ASB-00010150	JATRRORRHIZINE HCL (RG)

Chocolate

Botanical Name: *Theobroma cacao*
Other Name: Chocolate; Cacao; Oriollo; Cacaoyer; Kakao

PART NO.	DESCRIPTION (GRADE)
ASB-00003027	CAFFEINE (SH)
ASB-00030952	CACAO (<i>Theobroma cacao</i>) SEED (BRM)
CALL	CHOCOLATE STANDARDS KIT
ASB-00016459	PHENYLETHYLAMINE HCL (PEA) (P)
ASB-00016230	PROCYANIDIN B1 (RG)
ASB-00016231	PROCYANIDIN B2 (RG)
ASB-00016232	PROCYANIDIN C1 (P) (CALL)
ASB-00020252	THEAFLAVINE (P)
ASB-00030808	<i>Theobroma cacao</i> SEED (BRM)
ASB-00020251	THEOBROMINE (SH)
ASB-00020255	THEOPHYLLINE (SH)

Chocolate Vine

Botanical Name: *Akebia quinata*
Other Name: Chocolate Vine

PART NO.	DESCRIPTION (GRADE)
ASB-00008067	HEDERAGENIN (RG)
ASB-00015303	OLEANOLIC ACID (P)

Chrysanthemum

Botanical Name: *Dendranthema grandiflora*
Other Name: Potted Chrysanthemum; (Florist's or Hardy) Chrysanthemum; Garden Mum

PART NO.	DESCRIPTION (GRADE)
ASB-00001027	ACACETIN (METHYL-4'-APIGENIN) (RG)
ASB-00001900	APIGENIN (P)
ASB-00003830	APIGENIN-7-GLUCOSIDE (COSMOSIIN) (P)
ASB-00002030	BAICALIN (P)
ASB-00002356	BORNEOL, (-)- (SG)
ASB-00002357	BORNYL ACETATE (SG)
ASB-00005071	ELLAGIC ACID (P)
ASB-00012235	LINALYL ACETATE
ASB-00012500	LUTEOLIN 7-GLUCOSIDE (P)
ASB-00012461	LUTEOLIN (P)
ASB-00017030	QUERCETIN (AHP)
CALL	STACHYDRINE CHLORIDE
ASB-00020295	THYMOL (SG)

Product Selection

Chrysanthemum

Botanical Name: *Dendranthema indica*
Other Name: *Chrysanthemum*

PART NO.	DESCRIPTION (GRADE)
ASB-00012391	LUPEOL (SH)
ASB-00012453	LUTEIN (P)
ASB-00019194	SESAMIN (P)

Cineraria

Botanical Name: *Jacobaea maritima* (Syn. *Senecio bicolor*)
Other Name: *Cineraria*; *Silver Ragwort*; *Dusty Miller*

PART NO.	DESCRIPTION (GRADE)
ASB-00018140	RETROSINE (RG)
ASB-00019135	SENECIONINE (RG)
ASB-00019140	SENECIPHYLLIN (RG)

Clary Sage

Botanical Name: *Salvia sclarea*
Other Name: *Europe Sage*; *Clary*; *Clary Sage*; *Sage Clary*; *Amaro*; *Clear Eye*; *Common Clary*

PART NO.	DESCRIPTION (GRADE)
ASB-00018043	SCLAREOL (RG)
ASB-00019083	SCLAREOLIDE (P)
ASB-00018047	SCLAREOL (P)
ASB-00012235	LINALYL ACETATE (SG)
ASB-00018370	ROSMARINIC ACID (P)

Clove

Botanical Name: *Syzygium aromaticum*
Other Name: *Clove*; *Cloves*; *Clovetree*; *Clavo*; *Qaraniful*

PART NO.	DESCRIPTION (GRADE)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003838	COUMARIC ACID, P- (RG)
ASB-00005071	ELLAGIC ACID (P)
ASB-00006005	FERULIC ACID (SH)
ASB-00007040	GALLIC ACID (P)
ASB-00008916	HYPEROSIDE (P)
ASB-00009505	ISOQUERCETIN (P)
ASB-00011020	KAEMPFEROL (AHP)
ASB-00015303	OLEANOLIC ACID (P)
ASB-00016306	PROTocatechuic ACID (P)
ASB-00017030	QUERCETIN (AHP)
ASB-00022306	VANILLIC ACID (RG)
ASB-00030810	CLOVE BUD (BRM)

Club Moss

Botanical Name: *Lycopodium serratum*
Other Name: *Club Moss*; *Toothed Clubmoss*

PART NO.	DESCRIPTION (GRADE)
ASB-00008340	HUPERZINE A (P)

Cnidium

Botanical Name: *Cnidium monneri*
Other Name:

PART NO.	DESCRIPTION (GRADE)
ASB-00002216	BERGAPTEN (SH)
ASB-00009070	IMPERATORIN (P)
ASB-00015420	OSTHOLE (P)
ASB-00024300	XANTHOTOXIN (P)

Coffee

Botanical Name: *Coffea arabica*
Other Name: *Arabian Coffee*; *Coffee*; *Arabica Coffee*

PART NO.	DESCRIPTION (GRADE)
ASB-00003027	CAFFEINE (SH)
ASB-00003450	CHLOROGENIC ACID (AHP)

Colchis Ivy

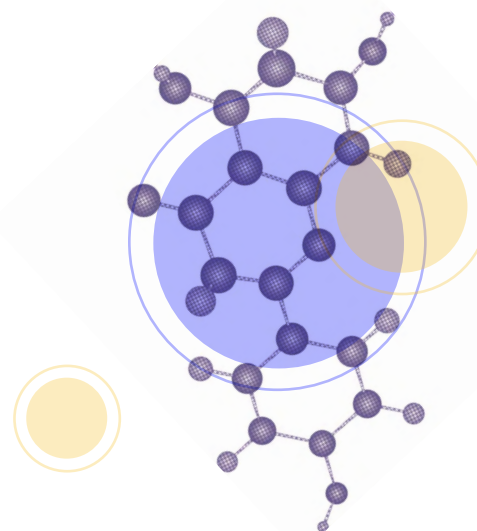
Botanical Name: *Hedera colchica*
Other Name: *Colchis Ivy*; *Bullock's Heart Ivy*; *Persian Ivy*; *Caucasian Ivy*

PART NO.	DESCRIPTION (GRADE)
ASB-00008067	HEDERAGENIN (RG)
ASB-00015303	OLEANOLIC ACID (P)

Coltsfoot

Botanical Name: *Tussilago farfara*
Other Name: *Coltsfoot*; *Assfoot*; *British Tobacco*; *Bull's-Foot*; *Clayweed*; *Cleats*; *Colt-Herb*; *Coughwort*

PART NO.	DESCRIPTION (GRADE)
ASB-00007040	GALLIC ACID (P)
ASB-00011020	KAEMPFEROL (AHP)
ASB-00017030	QUERCETIN (AHP)
ASB-00019135	SENECIONINE (RG)
ASB-00019139	SENKIRKIN (RENARDINE) (RG)



Product Selection

Common Ash

Botanical Name: Fraxinus excelsior

Other Name: Common Ash; European Ash; Ash; English ash; Golden Ash, Venus of the Forest

PART NO.	DESCRIPTION (GRADE)
ASB-00003840	COUMARIN (SG)
ASB-00004880	DIMETHYLFRAXETIN, 0, 0- (P)
ASB-00005241	ESCULETIN (P)
ASB-00005259	ESCULIN (ESCULETIN-6-GLUCOSIDE) (P)
ASB-00006221	FRAXETIN (P)
ASB-00006230	FRAXIDIN (RG)
ASB-00006235	FRAXIN (SH)
KIT-00006236	FRAXINUS (ASH) STANDARDS KIT
ASB-00009255	ISOFRAXIDINE (RG)
ASB-00013530	METHYLESCULETIN, 4- (RG)
ASB-00019086	SCOPARONE (RG)
ASB-00019091	SCOPOLETIN (SH)

Common Borage

Botanical Name: Borago officinalis (Syn. Sarothamnus scoparius)

Other Name: Common Borage; Common Bugloss; Burrage; Bee Bread; Starflower

PART NO.	DESCRIPTION (GRADE)
CALL	LYCOPSAMINE

Common Broom

Botanical Name: Cytisus scoparius

Other Name: Common Broom; Scotch Broom; English Broom; Broomtops; Irish Broom

PART NO.	DESCRIPTION (GRADE)
ASB-00007082	GENISTEIN (AHP)
CALL	SPARTEINE, (-)-
ASB-00019345	SPIRAEOSIDE (RG)

Common Chicory

Botanical Name: Cichorium intybus

Other Name: Common Chicory; Blue Sailors; Succory; Coffeeweed

PART NO.	DESCRIPTION (GRADE)
ASB-00011055	ASTRAGALIN (KAEMPFEROL-3-GLUCOSIDE) (P)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00003640	CICHORIC ACID (AHP)
ASB-00005259	ESCULIN (ESCULETIN-6-GLUCOSIDE) (P)
ASB-00008916	HYPEROSIDE (P)
ASB-00019091	SCOPOLETIN (SH)
ASB-00030960	CHICORY ROOT (BRM)

Common Comfrey

Botanical Name: Symphytum officinale

Other Name: Common Comfrey; Comfrey; Knit Bone; Boneset; Consound; Bruise Wort

PART NO.	DESCRIPTION (GRADE)
ASB-00001531	ALLANTOIN (RG)
ASB-00005018	ECHIMIDINE (P)

Common Dogwood

Botanical Name: Cornus sanguinea (Syn. Swida sanguinea)

Other Name: Bloodtwig Dogwood; Dogberry; Pegwood

PART NO.	DESCRIPTION (GRADE)
ASB-00019550	SALIDROSIDE (P)
ASB-00019045	SANGUINARINE CHLORIDE (SH)

Common Gypsyweed

Botanical Name: Veronica officinalis

Other Name: Common Gypsyweed; Common Speedwell; Heath Speedwell; Paul's Betony; Speedwell

PART NO.	DESCRIPTION (GRADE)
ASB-00011086	AUCUBIN (SH)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003274	CATALPOL (SH)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00012500	LUTEOLIN 7-GLUCOSIDE (P)
ASB-00012461	LUTEOLIN (P)

Common Hawthorn

Botanical Name: Crataegus monogyna (Syn. Crataegus oxyacantha)

Other Name: Common Hawthorn; May; Maythorn; Quickthorn; Haw; Oneseed Hawthorn

PART NO.	DESCRIPTION (GRADE)
ASB-00040350	AHP HAWTHORN BERRY MONOGRAPH (BK)
ASB-00040351	AHP HAWTHORN LEAF & FLOWER MONOGRAPH (BK)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003450	CHLOROGENIC ACID (AHP)
KIT-00008603	HAWTHORN STANDARDS KIT
ASB-00008063	HEXANOL, 1- (SG)
ASB-00008916	HYPEROSIDE (P)
ASB-00009630	ISOVITEXIN (P)
ASB-00012500	LUTEOLIN 7-GLUCOSIDE (P)
ASB-00015303	OLEANOLIC ACID (P)
ASB-00016231	PROCYANIDIN B2
ASB-00018430	RUTIN (AHP)
ASB-00019345	SPIRAEOSIDE (RG)
ASB-00022850	VITEXIN (P)
ASB-00022901	VITEXIN-2"-O-RHAMNOSIDE (RG)
ASB-00022930	VITEXIN-4"-RHAMNOSIDE (RG)

Common Lilac

Botanical Name: Syringa vulgaris

Other Name: Common Lilac; Common French Lilac; French Lilac

PART NO.	DESCRIPTION (GRADE)
ASB-00005060	ELEUTHEROSIDE B (P)
ASB-00018430	RUTIN (AHP)
ASB-00022390	VERBASCOSIDE (P)

Common Mallow

Botanical Name: Malva sylvestris

Other Name: Common Mallow; (High, Tall, Pink, Blue) Mallow; Cheese (-Cake, -Flower, -Log)

PART NO.	DESCRIPTION (GRADE)
ASB-00111020	ASCORBIC ACID (SH)
ASB-00003211	CAROTENE, BETA- (P)

Product Selection

Common Milkpea

Botanical Name: *Galega officinalis*

Other Name: Common Milkpea; Echte Geissrante; Galega; Goat's Rue; Professor Weed

PART NO.	DESCRIPTION (GRADE)
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ASB-00022325	VASICINE (P)
ASB-00022326	VASICINONE (P)

Common Tansy

Botanical Name: *Tanacetum vulgare*

Other Name: Tansy; Bitter Buttons; Cow Bitter; Mugwort; Golden Buttons

PART NO.	DESCRIPTION (GRADE)
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ASB-00001025	ACACETIN (METHYL-4'-APIGENIN) (SH)
ASB-00001900	APIGENIN (P)
ASB-00003830	APIGENIN-7-GLUCOSIDE (COSMOSIIN) (P)
ASB-00002356	BORNEOL, (-) (SG)
ASB-00002357	BORNYL ACETATE (SG)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00005375	EUCALYPTOL (SG)
ASB-00009255	ISOFRAXIDINE (RG)
ASB-00009520	ISORHAMNETIN (P)
ASB-00012453	LUTEIN (P)
ASB-00012500	LUTEOLIN 7-GLUCOSIDE (P)
ASB-00015380	ORIENTIN (P)
ASB-00016070	PARTHENOLIDE (P)
ASB-00017030	QUERCETIN (AHP)
ASB-00019091	SCOPOLETIN (SH)
ASB-00020287	THUJONE, ALPHA- (SH)
ASB-00020295	THYMOL (SG)

Concord Grape

Botanical Name: *Vitis labrusca*

Other Name: Fox Grape; Northern Fox Grape; Skunk Grape; Concord Grape; Seedless Grape

PART NO.	DESCRIPTION (GRADE)
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ASB-00013076	MALVIN CHLORIDE (MALVIDIN-3,5-DIGLUCOSIDE) (SH)
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Confetti Tree

Botanical Name: *Maytenus senegalensis*

Other Name: Confetti Tree; Maytenus

PART NO.	DESCRIPTION (GRADE)
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CALL	DULCITOL
ASB-00005145	EPIGALLOCATECHIN, (-) (P)

Coral Peony

Botanical Name: *Paeonia mascula* (Syn. *Paeonia carallina*)

Other Name: Coral Peony; Peony

PART NO.	DESCRIPTION (GRADE)
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ASB-00016020	PAEONIFLORIN (P)
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Corydale

Botanical Name: *Corydalis cava*

Other Name: Bulbous Corydal; Corydale; Alba

PART NO.	DESCRIPTION (GRADE)
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ASB-00002201	BERBERINE CHLORIDE (AHP)
ASB-00003770	COPTISINE CHLORIDE (RG)
ASB-00010150	JATRORRHIZINE HCL (RG)
ASB-00020172	TETRAHYDROPALMATINE, L- (RG)

Corydalis

Botanical Name: *Corydalis ambigua*

Other Name: Corydalis

PART NO.	DESCRIPTION (GRADE)
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ASB-00020173	TETRAHYDROPALMATINE, L- (P)
ASB-00003770	COPTISINE CHLORIDE (RG)

Corydalis (Lutea)

Botanical Name: *Corydalis lutea*

Other Name: Corydalis; Fumitory; Yellow (Corydalis, Fumitory, or Larkspur); Hollowort

PART NO.	DESCRIPTION (GRADE)
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ASB-00003770	COPTISINE CHLORIDE (RG)
ASB-00010150	JATRORRHIZINE HCL (RG)
ASB-00020172	TETRAHYDROPALMATINE, L- (RG)

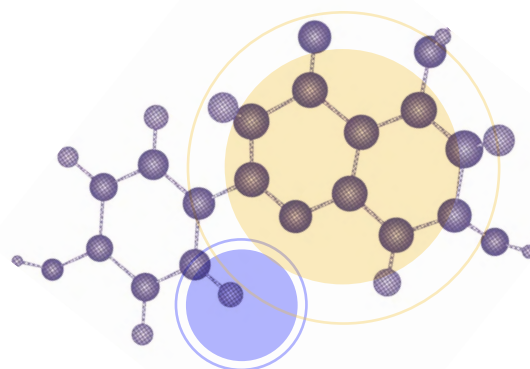
Costus (Kuth)

Botanical Name: *Saussurea costus*

Other Name: Costus; Kuth; Yun Mu Xiang

PART NO.	DESCRIPTION (GRADE)
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CALL	ALANTOLACTONE
ASB-00002237	BETULIN (RG)
ASB-00003825	COSTUNOLIDE (SH)
CALL	DEHYDROCOSTUS LACTONE
CALL	ISOALANTOLACTONE



Product Selection

Coumarins

Botanical Name:
Other Name:

PART NO.	DESCRIPTION (GRADE)
ASB-00001035	ACETAMIDOCOUMARIN, 3- (RG)
ASB-00001035	ACETAMIDOCOUMARIN, 3- (RG)
ASB-00001155	ACETYL-6,7-DIMETHOXYCOUMARIN, 8- (RG)
ASB-00001225	ACETYL-6-HYDROXY-7-METHOXYCOUMARIN, 8- (RG)
ASB-00001250	ACETYL-7-METHOXYCOUMARIN, 8- (RG)
ASB-00001125	ACETYLCOLUMBIANETIN, 0- (RG)
ASB-00001130	ACETYLCOCOUMARIN, 3- (RG)
ASB-00001865	ANGELICIN (SH)
ASB-00002211	BERGAMOTTIN (SH)
ASB-00002216	BERGAPTEN (SH)
ASB-00002217	BERGAPTOL (SH)
ASB-00003666	CITROPTEN (SH)
ASB-00003840	COUMARIN (SG)
ASB-00003850	COUMESTROL (RG)
ASB-00004021	DALBERGIN (RG)
ASB-00004026	DAPHNETIN (RG)
ASB-00004031	DAPHNETIN-7-METHYLETHER (RG)
ASB-00004620	DIHYDROXY-4-METHYLCOUMARIN, 5,7- (RG)
ASB-00004880	DIMETHYLFRAXETIN, 0,0- (RG)
ASB-00005250	ESCULETIN DIBENZYLETHER (RG)
ASB-00005240	ESCULETIN (RG)
ASB-00005259	ESCOLIN (ESCULETIN-6-GLUCOSIDE) (P)
ASB-00005335	ETHOXYCOUMARIN, 7- (RG)

Cowslip

Botanical Name: *Primula veris* (Syn. *Primula officinalis*)
Other Name: Cowslip; Arthritica; Buckles; Crewel; Fairy Cups; Herb Peter

PART NO.	DESCRIPTION (GRADE)
ASB-00001900	APIGENIN (P)
ASB-00011055	ASTRAGALIN (KAEMPFEROL-3-GLUCOSIDE) (P)
ASB-00009505	ISOQUERCETIN (P)
ASB-00009520	ISORHAMNETIN (P)
ASB-00011020	KAEMPFEROL (AHP)
ASB-00012461	LUTEOLIN (P)
ASB-00016211	PRIMULAVERIN (P)
CALL	PRIMULIC ACID I
CALL	PRIMULIC ACID II
ASB-00016212	PRIMVERIN (P)
ASB-00017030	QUERCETIN (AHP)
ASB-00018430	RUTIN (AHP)

Cramp Bark

Botanical Name: *Viburnum opulus*
Other Name: Cramp Bark; High Bush Cranberry; Gelder Rose

PART NO.	DESCRIPTION (GRADE)
ASB-00001655	AMENTOFLAVONE (SH)
ASB-00003310	CATECHIN, (+-) (AHP)
ASB-00005241	ESCULETIN (P)
ASB-00019091	SCOPOLETIN (SH)

Cranesbill Geranium

Botanical Name: *Geranium sanguineum*
Other Name: Bloody Geranium; Cranesbill Geranium; Crane's Bill

PART NO.	DESCRIPTION (GRADE)
ASB-00005071	ELLAGIC ACID (P)
ASB-00013921	MYRICETIN (CANNABISCETIN) (P)
ASB-00017030	QUERCETIN (AHP)

Creeping Thyme

Botanical Name: *Thymus serpyllum*
Other Name: Creeping Red Thyme; Creeping Thyme; Mother-of-Thyme; Wild Thyme; Hillwort

PART NO.	DESCRIPTION (GRADE)
ASB-00002356	BORNEOL, (-) (SG)
ASB-00002357	BORNYL ACETATE (SG)
ASB-00005375	EUCALYPTOL (SG)
ASB-00007150	GERANIOL (SG)
ASB-00012235	LINALYL ACETATE (SG)
ASB-00015303	OLEANOLIC ACID (P)
ASB-00018370	ROSMARINIC ACID (P)
ASB-00020295	THYMOL (SG)

Creepy Mallotus

Botanical Name: *Mallotus repandus*
Other Name: Creepy Mallotus

PART NO.	DESCRIPTION (GRADE)
ASB-00002230	BERGENIN (P)
ASB-00012391	LUPEOL (SH)

Crepe Ginger (Malay Ginger)

Botanical Name: *Costus speciosus*
Other Name: Crepe Ginger; Malay Ginger

PART NO.	DESCRIPTION (GRADE)
ASB-00003926	CURCUMIN (P)
ASB-00004914	DIOSCIN (P)
ASB-00004916	DIOSGENIN (SAPOGENIN) (P)

Cretan Bryony

Botanical Name: *Bryonia cretica*
Other Name: Cretan Bryony; White Bryony

PART NO.	DESCRIPTION (GRADE)
ASB-00003916	CUCURBITACIN B (RG)
ASB-00003914	CUCURBITACIN D (SH)
ASB-00003910	CUCURBITACIN E (SH)
CALL	CUCURBITACIN E-2-O-GLUCOSIDE
ASB-00003915	CUCURBITACIN I (SH)

Crown of Thorns

Botanical Name: *Euphorbia millii*
Other Name: Crown of Thorns; Christ Plant; Christ Thorn

PART NO.	DESCRIPTION (GRADE)
ASB-00012391	LUPEOL (SH)

Product Selection

Cyanotis vaga

Botanical Name: *Cyanotis vaga*
Other Name:

PART NO.	DESCRIPTION (GRADE)
ASB-00005015	ECDYSONE, BETA- (P)

Cymbopogon Grass

Botanical Name: *Cymbopogon winterianus*
Other Name: *Cymbopogon Grass*; *Citronella Oil (Java Type)*; *Citronella Grass*

PART NO.	DESCRIPTION (GRADE)
ASB-00007150	GERANIOL (SG)

Cypress Spurge

Botanical Name: *Euphorbia cyparissias*
Other Name: *Cypress Spurge*; *Fen's Ruby*; *Dwarf Milkwort*; *Wolf's-milk*

PART NO.	DESCRIPTION (GRADE)
ASB-00011055	ASTRAGALIN (KAEMPFEROL-3-GLUCOSIDE) (P)
ASB-00007040	GALLIC ACID (P)
ASB-00009505	ISOQUERCETIN (P)

Dahurian Buckthorn

Botanical Name: *Rhamnus davurica*
Other Name: *Dahurian Buckthorn*

PART NO.	DESCRIPTION (GRADE)
ASB-00009520	ISORHAMNETIN (P)

Damask Rose

Botanical Name: *Rosa x damascena*
Other Name: *Damask Rose*; *Red Rose*; *Pink Rose*; *Rose*

PART NO.	DESCRIPTION (GRADE)
ASB-00011055	ASTRAGALIN (KAEMPFEROL-3-GLUCOSIDE) (P)
ASB-00009505	ISOQUERCETIN (P)
ASB-00011020	KAEMPFEROL (AHP)
ASB-00017030	QUERCETIN (AHP)

Danube Gentian

Botanical Name: *Gentiana pannonica*
Other Name: *Danube Gentian*; *Gentian*; *Gentian-Root*

PART NO.	DESCRIPTION (GRADE)
ASB-00007131	GENTIOPICROSIDE (RG)
ASB-00008320	HOMOORIENTIN (ISOORIENTIN) (SH)
ASB-00009635	ISOVITEXIN (SH)

Dark Mullein

Botanical Name: *Verbascum nigrum*
Other Name: *Dark Mullein*

PART NO.	DESCRIPTION (GRADE)
ASB-00011085	AUCUBIN (P)
ASB-00008055	HARPAGOSIDE (SH)
ASB-00008135	HESPERIDIN (P)

Devil's Claw

Botanical Name: *Harpagophytum procumbens*
Other Name: *Devil's Claw*; *Harpago*; *Grapple Plant*; *Wool*; *Woodspider*; *Unicorn Plant*

PART NO.	DESCRIPTION (GRADE)
CALL	ACETYLACTEOSIDE, 6-
CALL	COUMAROYLHARPAGIDE, 8-P-
CALL	HARPAGIDE
ASB-00008055	HARPAGOSIDE (SH)
ASB-00009627	ISOVERBASCOSIDE (P)
ASB-00022390	VERBASCOSIDE (P)

Digitalis

Botanical Name: *Digitalis spp.*
Other Name: *Negative Testing for Plantain*

PART NO.	DESCRIPTION (GRADE)
ASB-00004055	DEACETYLLANATOSIDE C (RG)
KIT-00012051	DIGITALIS LANATOSIDE STANDARDS KIT (P)
ASB-00012040	LANATOSIDE B (RG)
ASB-00012050	LANATOSIDE C (RG)

Dishrag Gourd

Botanical Name: *Luffa aegyptiaca (Syn. Luffa cylindrica)*
Other Name: *Dishrag Gourd*; *Smooth Luffa*; *Luff*; *Lufa*; *Sponge Luffa*; *Kimput*

PART NO.	DESCRIPTION (GRADE)
ASB-00008067	hederagenin (RG)
ASB-00015303	OLEANOLIC ACID (P)

Dong Dang Gui

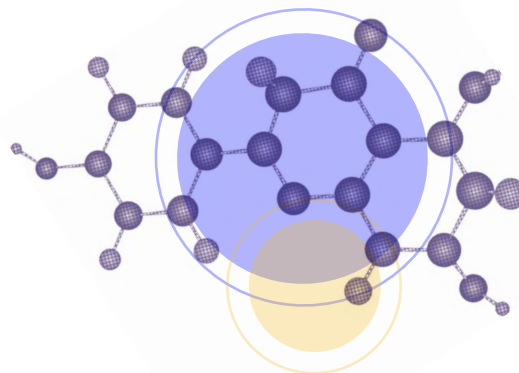
Botanical Name: *Angelica acutiloba*
Other Name: *Dong Dang Gui*

PART NO.	DESCRIPTION (GRADE)
ASB-00012180	LIGUSTILIDE, Z- (AHP)
ASB-00019091	SCOPOLETIN (SH)
ASB-00022306	VANILLIC ACID (RG)

Dong Ling Cao

Botanical Name: *Rabdosis rubescens*
Other Name: *Dong Ling Cao*; *Oridonin*; *Ponicidin*

PART NO.	DESCRIPTION (GRADE)
CALL	ORIDONIN



Product Selection

Dong Quai

Botanical Name: *Angelica sinensis*
Other Name: Dang Gui; Dong Quai; Tang kuai; Chinese Angelica

PART NO.	DESCRIPTION (GRADE)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-000036121	DONG QUAI (ANGELICA) ROOT (BRM)
ASB-00006005	FERULIC ACID (SH)
ASB-00009251	ISOFERULIC ACID (P)
ASB-00009526	ISOIMPERATORIN (P)
ASB-00012180	LIGUSTILIDE, Z- (AHP)
ASB-00015420	OSTHOLE (P)
ASB-00016365	PSORALEN (SH)
ASB-00017030	QUERCETIN (AHP)
ASB-00019110	SEDANOLIDE (SH)

Dwarf Elderberry

Botanical Name: *Sambucus ebulus*
Other Name: Dwarf Elder; Dwarf Elderberry; Danewort; Walewort

PART NO.	DESCRIPTION (GRADE)
CALL	CYANIDIN-3-SAMBUBIOSIDE

Dwarf Nettle

Botanical Name: *Urtica urens*
Other Name: Dwarf Nettle; Annual Nettle; Burning Nettle; Dog Nettle; Ortiga; Dwarf Stinging Nettle

PART NO.	DESCRIPTION (GRADE)
ASB-00011055	ASTRAGALIN (KAEMPFEROL-3-GLUCOSIDE) (P)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003023	CAFFELOYLMALIC ACID (P)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00003838	COUMARIC ACID, P- (RG)
ASB-00006005	FERULIC ACID (SH)
ASB-00012453	LUTEIN (P)
ASB-00012550	LYCOPENE (P)
ASB-00015303	OLEANOLIC ACID (P)
ASB-00019091	SCOPOLETIN (SH)

Dyer's Greenweed

Botanical Name: *Genista tinctoria*
Other Name: Dyer's Greenweed; Common Woadwaxen; Dyer's Broom

PART NO.	DESCRIPTION (GRADE)
ASB-00007082	GENISTEIN (AHP)
ASB-00012461	LUTEOLIN (P)
CALL	SPARTEINE, (-)

Eastern Redcedar

Botanical Name: *Juniperus virginiana*
Other Name: Eastern Redcedar; Pencil Cedar; Red Cedar; Red Juniper

PART NO.	DESCRIPTION (GRADE)
ASB-00002357	BORNYL ACETATE (SG)
ASB-00011020	KAEMPFEROL (AHP)
CALL	METHYLEUGENOL
ASB-00016940	PODOPHYLLOTOXIN (P)
ASB-00017030	QUERCETIN (AHP)

Echinacea

Botanical Name: *Echinacea spp.*
Other Name: Echinacea; Purple Coneflower; Coneflower

PART NO.	DESCRIPTION (GRADE)
ASB-00003028	CAFTARIC ACID (AHP)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00003640	CICHORIC ACID (AHP)
ASB-00003990	CYNARIN (ECHINACEA) (1,3-DICAFFEYOYLQUINIC ACID) (AHP)
ASB-00004950	DODEC-2-ENE-8,10-DIYNOIC ACID ISOBUTYLAMIDE (P)
ASB-00004953	DODECA-2(E),4(E),TETRAENOIC ACID ISOBUTYLAMIDE (P)
ASB-00004951	DODECA-2(E),4(E)-DIENOIC ACID ISOBUTYLAMIDE (P)
ASB-00005020	ECHINACOSIDE (AHP)
ASB-00021235	UNDEC-2-ENE-8,10-DIYNOIC ACID ISOBUTYLAMIDE (P)

Echinacea Complete HPLC Kit

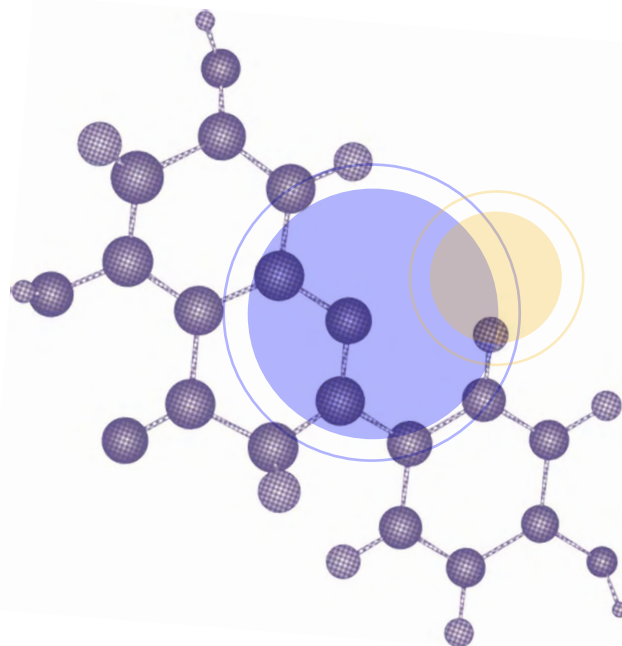
Botanical Name: *Echinacea spp.*
Other Name: Echinacea; Purple Coneflower; Coneflower;

PART NO.	DESCRIPTION (GRADE)
ASB-00003028	CAFTARIC ACID (AHP)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00003640	CICHORIC ACID (AHP)
ASB-00003990	CYNARIN (ECHINACEA)(1,3-DICAFFEYOYLQUINIC ACID) (AHP)

Echinacea Isobutylamide

Botanical Name: *Echinacea spp.*
Other Name: Echinacea; Purple Coneflower; Coneflower

PART NO.	DESCRIPTION (GRADE)
ASB-00004950	DODEC-2-ENE-8,10-DIYNOIC ACID ISOBUTYLAMIDE (P)
ASB-00004953	DODECA-2(E),4(E),TETRAENOIC ACID ISOBUTYLAMIDE (P)
ASB-00004951	DODECA-2(E),4(E)-DIENOIC ACID ISOBUTYLAMIDE (P)
ASB-00008195	HEXADIENOIC ACID ISOBUTYLAMIDE, 2,4- (AHP)
ASB-00021235	UNDEC-2-ENE-8,10-DIYNOIC ACID ISOBUTYLAMIDE (P)



Product Selection

Echinacea (Angustifolia)

Botanical Name: *Echinacea angustifolia*
Other Name: Echinacea; Purple Coneflower; Coneflower; American Coneflower; Cone Flower

PART NO.	DESCRIPTION (GRADE)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00003640	CICHORIC ACID (AHP)
ASB-00003990	CYNARIN (ECHINACEA) (1,3-DICAFFEYOYLQUINIC ACID) (AHP)
ASB-00004950	DODEC-2-ENE-8,10-DIYNOIC ACID ISOBUTYLAMIDE (P)
ASB-00004951	DODECA-2(E),4(E)-DIENOIC ACID ISOBUTYLAMIDE (P)
ASB-00005020	ECHINACOSIDE (AHP)
ASB-00008195	HEXADIENOIC ACID ISOBUTYLAMIDE, 2,4- (AHP)
ASB-00011020	KAEMPFEROL (AHP)
ASB-00017030	QUERCETIN (AHP)
ASB-00022390	VERBASCOSIDE (P)

Echinacea (Pallida)

Botanical Name: *Echinacea pallida*
Other Name: Echinacea; Purple or Pale Purple Coneflower; Coneflower; American Coneflower

PART NO.	DESCRIPTION (GRADE)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00003640	CICHORIC ACID (AHP)
ASB-00004950	DODEC-2-ENE-8,10-DIYNOIC ACID ISOBUTYLAMIDE (P)
ASB-00004951	DODECA-2(E),4(E)-DIENOIC ACID ISOBUTYLAMIDE (P)
ASB-00005020	ECHINACOSIDE (AHP)
ASB-00008195	HEXADIENOIC ACID ISOBUTYLAMIDE, 2,4- (AHP)
ASB-00011020	KAEMPFEROL (AHP)
ASB-00017030	QUERCETIN (AHP)
ASB-00018430	RUTIN (AHP)
ASB-00022390	VERBASCOSIDE (P)

Echinacea (Purpurea)

Botanical Name: *Echinacea purpurea* (Syn. *Eclipta prostrata*)
Other Name: Echinacea; Purple or Eastern Purple Coneflower; Coneflower; American Coneflower

PART NO.	DESCRIPTION (GRADE)
ASB-00002231	BETAINE (SH)
ASB-00002356	BORNEOL, (-) (SG)
ASB-00002357	BORNYL ACETATE (SG)
ASB-00003028	CAFTARIC ACID (AHP)
ASB-00003640	CICHORIC ACID (AHP)
ASB-00004950	DODEC-2-ENE-8,10-DIYNOIC ACID ISOBUTYLAMIDE (P)
ASB-00004951	DODECA-2(E),4(E)-DIENOIC ACID ISOBUTYLAMIDE (P)
ASB-00008195	HEXADIENOIC ACID ISOBUTYLAMIDE, 2,4- (AHP)
ASB-00011020	KAEMPFEROL (AHP)
ASB-00011605	KUROMANIN CHLORIDE (CYANIDIN-3-GLUCOSIDE) (SH)
ASB-00017030	QUERCETIN (AHP)
ASB-00018430	RUTIN (AHP)

Eclipta Alba

Botanical Name: *Eclipta alba* (Syn. *Eclipta prostrata*)
Other Name: Bhringraj; False Daisy; Yerba de Tago

PART NO.	DESCRIPTION (GRADE)
ASB-00004233	DEMETHYLWEDELACTONE (RG)
KIT-00005037	ECLIPTA ALBA (Bhringraj or Bhengra) STANDARDS KIT
ASB-00023195	WEDELACTONE (RG)

Elderberry

Botanical Name: *Sambucus nigra*
Other Name: Common Elderberry; Black Elder; Common Elder; Elderberry; Mexican Elder

PART NO.	DESCRIPTION (GRADE)
ASB-00011055	ASTRAGALIN (KAEMPFEROL-3-GLUCOSIDE) (P)
ASB-00002237	BETULIN (RG)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003838	COUMARIC ACID, P- (RG)
ASB-00003931	CYANIDIN-3,5-DIGLUCOSIDE (SH)
CALL	CYANIDIN-3-SAMBUBIOSIDE
ASB-00006005	FERULIC ACID (SH)
ASB-00008916	HYPEROSIDE (P)
ASB-00009505	ISOQUERCETIN (P)
ASB-00011020	KAEMPFEROL (AHP)
ASB-00011605	KUROMANIN CHLORIDE (CYANIDIN-3-GLUCOSIDE) (SH)
ASB-00012391	LUPEOL (SH)
ASB-00015303	OLEANOLIC ACID (P)
ASB-00017030	QUERCETIN (AHP)
ASB-00018430	RUTIN (AHP)

Elecampane Inula

Botanical Name: *Inula helenium*
Other Name: Elecampane Inula; Elecampane; Horse-head; Marchalan

PART NO.	DESCRIPTION (GRADE)
CALL	ISOALANTOLACTONE
ASB-00017030	QUERCETIN (AHP)

Eleutherococcus

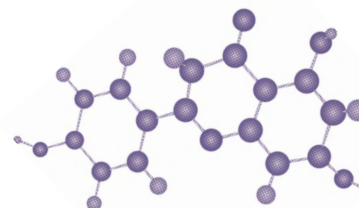
Botanical Name: *Eleutherococcus senticosus*
Other Name: Siberian Ginseng; Ci Wu Jia; Devil's Shrub; Touch-Me-Not

PART NO.	DESCRIPTION (GRADE)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00030688	Eleutherococcus senticosus ROOT (BRM)
ASB-00005059	ELEUTHEROSIDE A (SEE PART#19291) (P)
ASB-00005060	ELEUTHEROSIDE B (P)
ASB-00005061	ELEUTHEROSIDE B1 (RG)
ASB-00005065	ELEUTHEROSIDE E (P)
ASB-00005064	ELEUTHEROSIDE E1 (P)
ASB-00009255	ISOFRAXIDINE (RG)
ASB-00015303	OLEANOLIC ACID (P)
ASB-00030301	SIBERIAN GINSENG ROOT (RGRM)

Eleutherococcus HPLC Kit

Botanical Name: *Eleutherococcus senticosus*
Other Name: Siberian Ginseng; Ci Wu Jia; Devil's Shrub; Touch-Me-Not

PART NO.	DESCRIPTION (GRADE)
ASB-00005064	ELEUTHEROSIDE E1 (P)



Product Selection

Elliptica

Botanical Name: *Uncaria elliptica*
Other Name: Cat's Claw

PART NO.	DESCRIPTION (GRADE)
ASB-00005125	EPICATECHIN, (-)- (AHP)
ASB-00013955	MITRAPHYLLINE (P)
ASB-00018430	RUTIN (AHP)

Embelia

Botanical Name: *Embella ribes*
Other Name: Embelia; Vidanga; Biranga

PART NO.	DESCRIPTION (GRADE)
ASB-00005081	EMBELIN (P)

Endive

Botanical Name: *Cichorium endivia*
Other Name: Endive; Cultivated Endive; Escarole

PART NO.	DESCRIPTION (GRADE)
ASB-00011055	ASTRAGALIN (KAEMPFEROL-3-GLUCOSIDE) (P)
ASB-00003023	CAFFELOYLMALIC ACID (P)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00003640	CICHORIC ACID (AHP)
ASB-00009505	ISOQUERCETIN (P)

English Ivy

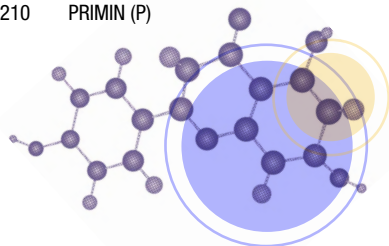
Botanical Name: *Hedera helix*
Other Name: English Ivy; Common Ivy; Ivy; Gnome; Spetchley; Gnome English Ivy

PART NO.	DESCRIPTION (GRADE)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00003838	COUMARIC ACID, P- (RG)
ASB-00006005	FERULIC ACID (SH)
ASB-00008065	hederacoside C (SH)
ASB-00008067	hederagenin (RG)
ASB-00008075	hederin, ALPHA- (SH)
ASB-00009505	ISOQUERCETIN (P)
KIT-00009705	IVY STANDARDS KIT
ASB-00015303	OLEANOLIC ACID (P)
ASB-00018430	RUTIN (AHP)

English Primrose

Botanical Name: *Primula vulgaris*
Other Name: Common Primrose; English Primrose; Primrose

PART NO.	DESCRIPTION (GRADE)
ASB-00016030	PAEONOL (SH)
ASB-00016210	PRIMIN (P)



English Thyme

Botanical Name: *Thymus vulgaris*
Other Name: Common Thyme; English Thyme; Garden Thyme; Mother of Thyme;

PART NO.	DESCRIPTION (GRADE)
ASB-00001900	APIGENIN (P)
ASB-00003830	APIGENIN-7-GLUCOSIDE (COSMOSIN) (P)
ASB-00002356	BORNEOL, (-)- (SG)
ASB-00002357	BORNYL ACETATE (SG)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003838	COUMARIC ACID, P- (RG)
ASB-00005170	ERICITRIN (SH)
ASB-00005375	EUCALYPTOL (SG)
ASB-00012235	LINALYL ACETATE (SG)
ASB-00012461	LUTEOLIN (P)
ASB-00012500	LUTEOLIN-7-O-GLUCOSIDE (CYNAROSIDE) (P)
ASB-00014205	NARINGENIN (P)
ASB-00015303	OLEANOLIC ACID (P)
ASB-00016306	PROTocatechuic acid (P)
ASB-00018370	ROSMARINIC ACID (P)
ASB-00019025	SAKURANETIN (SH)
ASB-00020065	TAXIFOLIN (P)
ASB-00020295	THYMOL (SG)
ASB-00022306	VANILLIC ACID (RG)

English Yew

Botanical Name: *Taxus baccata*
Other Name: Yew; English Yew; Common Yew

PART NO.	DESCRIPTION (GRADE)
ASB-00002004	BACCATIN III (P)
ASB-00004065	DEACETYLBACCATIN-III, 10 (P)
ASB-00020070	TAXOL C (P)

Ephedra (Ma huang)

Botanical Name: *Ephedra sinica*
Other Name: Ma Huang; Ephedra; Chinese Ephedra

PART NO.	DESCRIPTION (GRADE)
ASB-00003310	CATECHIN, (+)- (AHP)
ASB-00003655	CINNAMIC ACID, TRANS- (SG)
ASB-00003838	COUMARIC ACID, P- (RG)
ASB-00005135	EPICATECHIN 3-GALLATE, (-)- (P)
ASB-00005125	EPICATECHIN, (-)- (AHP)
ASB-00005145	EPIGALLOCATECHIN, (-)- (P)
ASB-00016306	PROTocatechuic acid (P)
ASB-00018430	RUTIN (AHP)
ASB-00022306	VANILLIC ACID (RG)

European Larch

Botanical Name: *Larix decidua*
Other Name: European Larch; Larch

PART NO.	DESCRIPTION (GRADE)
ASB-00002356	BORNEOL, (-)- (SG)
ASB-00002357	BORNYL ACETATE (SG)
CALL	LARIXYL ACETATE

Product Selection

European Peony

Botanical Name: *Paeonia officinalis*
Other Name: Common Peony; Peony; Cottage Peony; European Peony; Piney

PART NO.	DESCRIPTION (GRADE)
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ASB-00016020	PAEONIFLORIN (P)
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European Stoneseed

Botanical Name: *Lithospermum officinale*
Other Name: European Stoneseed; Gromwell; (Common, European, Pearl) Gromwell; Habb Al Qalb

PART NO.	DESCRIPTION (GRADE)
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ASB-00019210	SHIKONIN (RG)
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European White Birch

Botanical Name: *Betula pendula*
Other Name: Silver Birch; Weeping Birch

PART NO.	DESCRIPTION (GRADE)
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ASB-00002237	BETULIN (RG)
ASB-00002247	BETULINIC ACID (RG)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00008916	HYPEROSIDE (P)
ASB-00012391	LUPEOL (SH)
ASB-00016362	PYROGALLOL
ASB-00017170	QUERCITRIN (SH)
ASB-00019285	SITOSTEROL, B- (AHP)
ASB-00022306	VANILLIC ACID (RG)

Eurycoma

Botanical Name: *Eurycoma longifolia*
Other Name: Tongkat ali; Longjack; Longjax; Pasak Bumi

PART NO.	DESCRIPTION (GRADE)
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ASB-00003162	CARBOLINE-1-PROPIONIC ACID, B- (P)
ASB-00005163	EPOXYEURYCOMANONE, 13a(21)- (P)
ASB-00005394	EURYCOMALACTONE (P)
ASB-00005393	EURYCOMANONE (P)
ASB-00013282	METHOXYCANTHIN-6-ONE; 9- (P)

Evodia

Botanical Name: *Tetradium spp.*
Other Name: Evodia

PART NO.	DESCRIPTION (GRADE)
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KIT-00005397	EVODIA STANDARDS KIT
ASB-00005395	EVODIAMINE (SH)
ASB-00005396	EVODINE (SH)
ASB-00018425	RUTAECARPINE (SH)
ASB-00019445	SYNEPHRINE (P)

Eyebright

Botanical Name: *Euphrasia spp.*
Other Name: Eufragia

PART NO.	DESCRIPTION (GRADE)
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ASB-00011086	AUCUBIN (SH)
ASB-00003274	CATALPOL (SH)
KIT-00005530	EYEBRIGHT STANDARDS KIT
ASB-00007070	GENIPOSIDE (RG)
ASB-00007075	GENIPOSIDIC ACID (RG)

Fagi lignum

Botanical Name: *Fagi lignum*
Other Name:

PART NO.	DESCRIPTION (GRADE)
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ASB-00020065	TAXIFOLIN (P)
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Fairy Primrose

Botanical Name: *Primula malacoides*
Other Name: Fairy Primrose; Fairy Primula; Baby Primrose

PART NO.	DESCRIPTION (GRADE)
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ASB-00016210	PRIMIN (P)
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Felty Germander

Botanical Name: *Teucrium polium*
Other Name: Cat Thyme; Hulwort; Mountain Germander; D'Aja; J'Ada; Felty Germander

PART NO.	DESCRIPTION (GRADE)
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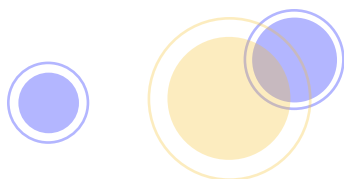
ASB-00001025	ACACETIN (METHYL-4'-APIGENIN) (SH)
ASB-00001900	APIGENIN (P)
ASB-00003830	APIGENIN-7-GLUCOSIDE (COSMOSIIN) (P)
ASB-00012500	LUTEOLIN 7-GLUCOSIDE (P)
CALL	TEUCRIN A
ASB-00022390	VERBASCOSIDE (P)

Fenugreek

Botanical Name: *Trigonella foenum-graecum*
Other Name: Fenugreek; Methi; Greek Clover; Maitray

PART NO.	DESCRIPTION (GRADE)
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ASB-00004914	DIOSCIN (P)
KIT-00006007	FENUGREEK SAPONINS STANDARDS KIT
ASB-00007413	GRACILLIN (P)
ASB-00016310	PROTODIOSCIN (P)
ASB-00016311	PROTODIOSCIN, PSEUDO- (P)
ASB-00016312	PROTOGRACILLIN (P)
ASB-00011055	ASTRAGALIN (KAEMPFEROL-3-GLUCOSIDE) (P)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00003838	COUMARIC ACID, P - (RG)
ASB-00008320	HOMOORIENTIN (ISOORIENTIN) (SH)
ASB-00009505	ISOQUERCETIN (P)
ASB-00009630	ISOVITEXIN (P)
ASB-00012461	LUTEOLIN (P)
ASB-00017030	QUERCETIN (AHP)
ASB-00019091	SCOPOLETIN (SH)



Product Selection

Feverfew

Botanical Name: *Tanacetum parthenium* (Syn. *Chrysanthemum parthenium*)
Other Name: Feverfew; Golden Feverfew

PART NO.	DESCRIPTION (GRADE)
ASB-00003830	APIGENIN-7-GLUCOSIDE (COSMOSIIN) (P)
ASB-00002355	BORNEOL, (+)- (SG)
ASB-00002357	BORNYL ACETATE (SG)
ASB-00012500	LUTEOLIN 7-GLUCOSIDE (P)
ASB-00016070	PARTHENOLIDE (P)

Field Marigold

Botanical Name: *Calendula arvensis*
Other Name: Field Marigold

PART NO.	DESCRIPTION (GRADE)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003838	COUMARIC ACID, P- (RG)
ASB-00006005	FERULIC ACID (SH)
ASB-00008916	HYPEROSIDE (P)
ASB-00009505	ISOQUERCETIN (P)
ASB-00015303	OLEANOLIC ACID (P)
ASB-00016300	PROTOCATECHUIC ACID (P)
ASB-00018435	RUTIN (AHP)

Fig

Botanical Name: *Ficus carica*
Other Name: Fig; Higo; Figue; Feige; Fico; Common Fig

PART NO.	DESCRIPTION (GRADE)
ASB-00007421	GUAIAZULEN (RG)
ASB-00012453	LUTEIN (P)
ASB-00016365	PSORALEN (SH)
ASB-00019091	SCOPOLETIN (SH)

Figwort

Botanical Name: *Scrophularia nodosa*
Other Name: Knotted Figwort; Common Figwort; Figwort; Carpenter's Square; Scrofula Plant

PART NO.	DESCRIPTION (GRADE)
ASB-00011086	AUCUBIN (SH)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003655	CINNAMIC ACID, TRANS- (SG)
ASB-00003838	COUMARIC ACID, P- (RG)
CALL	DULCITOL
ASB-00006005	FERULIC ACID (SH)
CALL	HARPAGIDE
ASB-00009251	ISOFERULIC ACID (P)
ASB-00016306	PROTOCATECHUIC ACID (P)
ASB-00022306	VANILLIC ACID (RG)

Filter Nut

Botanical Name: *Strychnos potatorum*
Other Name: Filter Nut; Clearing Nut Tree; seeds: Nirmali

PART NO.	DESCRIPTION (GRADE)
ASB-00002461	BRUCINE (RG)
ASB-00015303	OLEANOLIC ACID (P)
CALL	STRYCHNINE

Flax Seed

Botanical Name: *Linum usitatissimum*
Other Name: Linseed

PART NO.	DESCRIPTION (GRADE)
ASB-00005450	ENTERODIOL (P)
ASB-00005455	ENTEROLACTONE (P)
ASB-00030250	FLAX SEED BRM
KIT-00006070	FLAX SEED HPLC ANALYSIS KIT
ASB-00008102	HERBACETIN-3,8-DIGLUCOPYRANOSIDE (RG)
ASB-00012280	LINOCINAMARIN (P)
ASB-00012281	LINUSITARNARIN (P)
ASB-00012282	LINUSTATIN (P)
ASB-00013152	MATAIRESINOL (RG)
ASB-00014270	NEOLINUSTATIN (P)
ASB-00016865	PINORESINOL DIGLUCOSIDE (P)
ASB-00019103	SECO-ISOLARICIRE SINOL DIGLUCOSIDE (SDG) (P)
ASB-00019102	SECO-ISOLARICIRE SINOL (SECO) (P)
ASB-00019101	SECO-ISOLARICIRE SINOL, (+)-ANHYDRO-(ANSECO) (P)

Flax-Leaved Daphne

Botanical Name: *Daphne gnidium*
Other Name: Flax-Leaved Daphne; Spurge Flax

PART NO.	DESCRIPTION (GRADE)
ASB-00001900	APIGENIN (P)
ASB-00003830	APIGENIN-7-GLUCOSIDE (COSMOSIIN) (P)
ASB-00012500	LUTEOLIN 7-GLUCOSIDE (P)
ASB-00012461	LUTEOLIN (P)
ASB-00015380	ORIENTIN (P)

Flowering Dogwood

Botanical Name: *Cornus florida*
Other Name: Flowering Dogwood

PART NO.	DESCRIPTION (GRADE)
ASB-00003780	CORNIN (VERBENALIN) (RG)

Fly Agaric

Botanical Name: *Amanita muscaria*
Other Name: Fly Agaric; Fly Amanita; Fly Mushroom

PART NO.	DESCRIPTION (GRADE)
CALL	MUSCIMOL

Foetid Bugbane

Botanical Name: *Cimicifuga foetida*
Other Name: Foetid Bugbane; Stinking Bugbane

PART NO.	DESCRIPTION (GRADE)
ASB-00001355	ACTEIN (P)
ASB-00003639	CIMIFUGIN (P)
ASB-00004130	DEOXYACTEIN, 27-(23-EPI-26-DEOXYACTEIN) (AHP)
ASB-00009251	ISOFERULIC ACID (P)
ASB-00013475	METHYL CIMIGENOL XYLOSIDE, 25-0- (P)

Product Selection

Forest Olive

Botanical Name: *Olea woodiana*
Other Name: Forest Olive

PART NO.	DESCRIPTION (GRADE)
ASB-00005259	ESCULIN (ESCULETIN-6-GLUCOSIDE) (P)

Forskolin

Botanical Name: *Coleus forskohlii* (Syn. *Plectranthus barbatus*)
Other Name: Makandi; Coleous; Indian Coleus

PART NO.	DESCRIPTION (GRADE)
ASB-00004160	DEOXYFORSKOLIN, 1- (P)
ASB-00006195	FORSKOLIN (P)

Foxtail

Botanical Name: *Lycopodium selago*
Other Name: Fir Clubmoss; Foxtail; Lycopod; Vegetable Sulphur; Wolf Claw; Stag's Horn Moss

PART NO.	DESCRIPTION (GRADE)
ASB-00001900	APIGENIN (P)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00006005	FERULIC ACID (SH)
ASB-00008340	HUPERZINE A (P)
ASB-00012461	LUTEOLIN (P)
ASB-00022306	VANILLIC ACID (RG)

Frankincense Tree

Botanical Name: *Boswellia sacra* (Syn. *Boswellia carteri*)
Other Name: Frankincense; Frankincense Tree; Frankincense Tears

PART NO.	DESCRIPTION (GRADE)
ASB-00002356	BORNEOL, (-) (SG)
ASB-00002550	BOSWELLIC ACID, a- (P)
ASB-00002555	BOSWELLIC ACID, B- (P)
ASB-00002575	KETO-B-BOSWELLIC ACID, 11- (P)
ASB-00012391	LUPEOL (SH)

Fraxinus

Botanical Name: *Fraxinus* spp.
Other Name: Fraxinus; Ash

PART NO.	DESCRIPTION (GRADE)
ASB-00003840	COUMARIN (SG)
ASB-00004880	DIMETHYLFRAXETIN, O,O- (RG)
ASB-00005241	ESCULETIN (P)
ASB-00005259	ESCULIN (ESCULETIN-6-GLUCOSIDE) (P)
ASB-00006220	FRAXETIN (RG)
ASB-00006230	FRAXIDIN (RG)
ASB-00006235	FRAXIN (SH)
ASB-00013530	METHYLESCULETIN, 4- (RG)
ASB-00019086	SCOPARONE (RG)
ASB-00019091	SCOPOLETIN (SH)

French Psyllium

Botanical Name: *Plantago arenaria*
Other Name: French Psyllium; Sand Plantain; Whorled Plantain

PART NO.	DESCRIPTION (GRADE)
ASB-00011085	AUCUBIN (P)
ASB-00011086	AUCUBIN (SH)

French Rose

Botanical Name: *Rosa gallica*
Other Name: Red Rose Petals; Provence rose; Flores Rosarum Rubrarum; Gallic Rose

PART NO.	DESCRIPTION (GRADE)
ASB-00011055	ASTRAGALIN (KAEMPFEROL-3-GLUCOSIDE) (P)
ASB-00003931	CYANIDIN-3,5-DIGLUCOSIDE (SH)
ASB-00009505	ISOQUERCETIN (P)
ASB-00018430	RUTIN (AHP)

Fumewort

Botanical Name: *Corydalis solida*
Other Name: Fumewort; Bird in the Bush

PART NO.	DESCRIPTION (GRADE)
ASB-00002201	BERBERINE CHLORIDE (AHP)
ASB-00003770	COPTISINE CHLORIDE (RG)
ASB-00010150	JATRRORRHIZINE HCL (RG)
ASB-00020173	TETRAHYDROPALMATINE, L- (P)

Galanga

Botanical Name: *Kaempferia galanga*
Other Name: Common Resurrection Lily; Lesser Galangal; Aromatic Ginger; Sand Ginger

PART NO.	DESCRIPTION (GRADE)
ASB-00011020	KAEMPFEROL (AHP)

Garcinia

Botanical Name: *Garcinia gummi-gutta* (Syn. *Garcinia cambogia*)
Other Name: Brindal Berry; Gambooge

PART NO.	DESCRIPTION (GRADE)
ASB-00030275	GARCINIA BRM
KIT-00008380	GARCINIA STANDARDS KIT
ASB-00030276	GARCINIA XRM
ASB-00008386	HYDROXYCITRIC ACID CALCIUM SALT, (-)- (P)
ASB-00008385	HYDROXYCITRIC ACID LACTONE, (-)- (P)

Garden Yellowrocket

Botanical Name: *Barbarea vulgaris*
Other Name: Bittercress; Herb Barbara; Rocket Cress; Winter Rocket; Wound Rocket

PART NO.	DESCRIPTION (GRADE)
CALL	DESULFOGLUCOBARBARIN
CALL	DESULFOGLUCONASTURTIIN
CALL	GLUCOBARBARIN
CALL	GLUCONASTURTIIN

Product Selection

Gardenia

Botanical Name: *Gardenia jasminoides*
Other Name: (First Love, August Beauty, Mystery, Miniature, Everblooming, White Gem) Gardenia

PART NO.	DESCRIPTION (GRADE)
ASB-00007055	GARDENOSIDE (RG)
ASB-00007070	GENIPOSIDE (RG)

Garlic

Botanical Name: *Allium sativum*
Other Name: Garlic

PART NO.	DESCRIPTION (GRADE)
ASB-00001535	ALLICIN (SH)
ASB-00001541	ALLIIN (SH)
ASB-00001605	ALLYL DISULFIDE (SG)
ASB-00001607	ALLYL METHYL SULFIDE (SG)
ASB-00001606	ALLYL SULFIDE (SG)
ASB-00003981	CYSTEINE, S-ALLYL-L- (P)
ASB-00004321	DIALLYL TRISULFIDE (RG)
KIT-00007602	GARLIC STENCH STANDARDS KIT
ASB-00013515	METHYL DISULFIDE (SG)
ASB-00016280	PROPYL DISULFIDE (SG)
ASB-00016290	PROPYL SULFIDE (SG)

Gentian Bitters

Botanical Name: *Gentiana lutea*
Other Name: Yellow or Great Yellow Gentian; Genciana; Bitter Root; Bitterwort; Centiyane Gentian

PART NO.	DESCRIPTION (GRADE)
ASB-00001650	AMAROGENIN (P)
ASB-00007131	GENTIOPICOSIDE (RG)
ASB-00008320	HOMOORIENTIN (ISOORIENTIN) (SH)
ASB-00009635	ISOVITEXIN (SH)
ASB-00013092	MANGIFERIN (P)
ASB-00016306	PROTOCATECHUIC ACID (P)
ASB-00019435	SWEROSIDE (P)
ASB-00019440	SWERTIAMARIN (P)

Gentian Root

Botanical Name: *Gentiana scabra*
Other Name: Long Dan Cao; Gentian; Gentian Root; Japanese Gentian

PART NO.	DESCRIPTION (GRADE)
ASB-00007131	GENTIOPICOSIDE (RG)
ASB-00019435	SWEROSIDE (P)
ASB-00019440	SWERTIAMARIN (P)

German Primrose

Botanical Name: *Primula obconica*
Other Name: Primula; Round Leaved Primula; Primrose; The Poison Primrose; German Primrose

PART NO.	DESCRIPTION (GRADE)
ASB-00011055	ASTRAGALIN (KAEMPFEROL-3-GLUCOSIDE) (P)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00011020	KAEMPFEROL (AHP)
ASB-00013070	MALVIDIN-3-GLUCOSIDE CHLORIDE (OENIN) (SH)
ASB-00013076	MALVIN CHLORIDE (MALVIDIN-3,5-DIGLUCOSIDE) (SH)
ASB-00016210	PRIMIN (P)

Giant Goldenrod

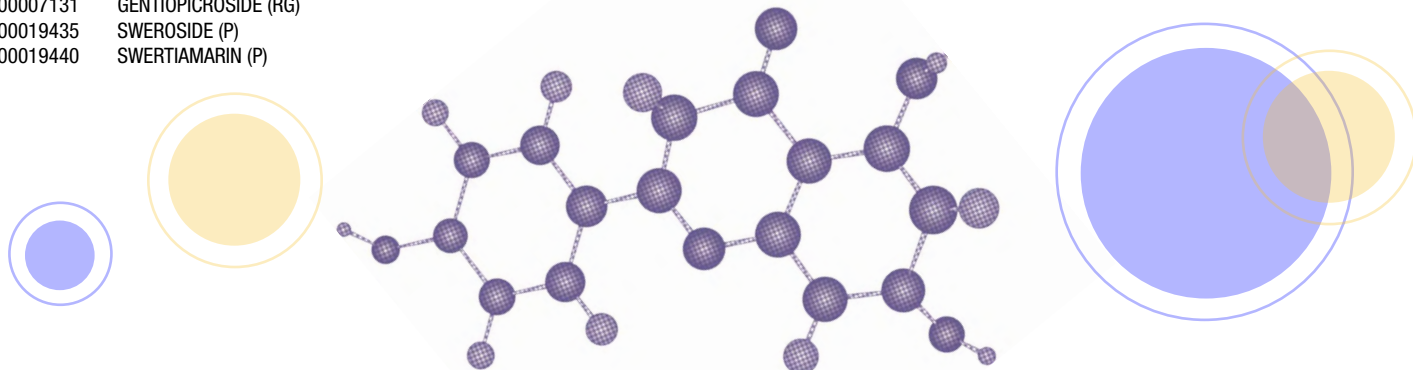
Botanical Name: *Solidago gigantea*
Other Name: Late Goldenrod; Giant Goldenrod; Smooth Goldenrod; Tall Goldenrod

PART NO.	DESCRIPTION (GRADE)
ASB-00011055	ASTRAGALIN (KAEMPFEROL-3-GLUCOSIDE) (P)
ASB-00002356	BORNEOL, (-)- (SG)
ASB-00002357	BORNYL ACETATE (SG)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00009505	ISOQUERCETIN (P)
ASB-00009520	ISORHAMNETIN (P)
ASB-00011020	KAEMPFEROL (AHP)
ASB-00017030	QUERCETIN (AHP)
ASB-00017170	QUERCITRIN (SH)
ASB-00018430	RUTIN (AHP)

Ginger

Botanical Name: *Zingiber officinale*
Other Name: Ginger; Common Ginger; Cooking Ginger; Canton Ginger; Chinese Ginger; Garden Ginger

PART NO.	DESCRIPTION (GRADE)
ASB-00002355	BORNEOL, (+)- (SG)
ASB-00003838	COUMARIC ACID, P- (RG)
ASB-00005375	EUCALYPTOL (SG)
ASB-00006005	FERULIC ACID (SH)
ASB-00030290	GINGER ROOT BRM
ASB-00007162	GINGEROL, 10- (P)
ASB-00007164	GINGEROL, 6- (P)
ASB-00007163	GINGEROL, 8- (P)
ASB-00011605	KUROMANIN CHLORIDE (CYANIDIN-3-GLUCOSIDE) (SH)
ASB-00019211	SHOGAOL, 6- (P)
ASB-00022306	VANILLIC ACID (RG)



Product Selection

Ginkgo Biloba

Botanical Name: *Ginkgo biloba*
Other Name: Maidenhair Tree; Ginkgo Tree; Ginkgo; Ginkgo Biloba; Fossil Tree

PART NO.	DESCRIPTION (GRADE)
ASB-00003830	APIGENIN-7-GLUCOSIDE (COSMOSIIN) (P)
ASB-00011055	ASTRAGALIN (KAEMPFEROL-3-GLUCOSIDE) (P)
ASB-00011056	ASTRAGALIN (KAEMPFEROL-3-O-GLUCOSIDE) (SH)
ASB-00002274	BILOBALIDE (AHP)
ASB-00003310	CATECHIN, (+)- (AHP)
ASB-00005125	EPICATECHIN, (-)- (AHP)
ASB-00005145	EPIGALLOCATECHIN, (-)- (P)
ASB-00030298	GINKGO BILOBA LEAF BRM
ASB-00007165	GINKGOLIC ACID I (P)
ASB-00007176	GINKGOLIDE A (AHP)
ASB-00007181	GINKGOLIDE B (AHP)
ASB-00007179	GINKGOLIDE C (AHP)
ASB-00007186	GINKGOLIDE J (P)
ASB-00009505	ISOQUERCETIN (P)
ASB-00009520	ISORHAMNETIN (P)
ASB-00009525	ISORHAMNETIN (SH)
ASB-00009535	ISORHAMNETIN-3-O-GLUCOSIDE (RG)
ASB-00011020	KAEMPFEROL (AHP)
ASB-00011145	KAEMPFEROL-3-O-RUTINOSIDE (SH)
ASB-00012461	LUTEOLIN (P)
ASB-00014201	NARCISSIN (SH)
ASB-00016306	PROTocatechuic Acid (P)
ASB-00017030	QUERCETIN (AHP)
ASB-00017170	QUERCITRIN (SH)
ASB-00018430	RUTIN (AHP)
ASB-00019194	SESAMIN (P)
ASB-00020295	THYMOL (SG)
ASB-00022306	VANILLIC ACID (RG)

Ginseng (Panax)

Botanical Name: *Panax ginseng*
Other Name: Panax ginseng; Ginseng; White Ginseng; Red Ginseng

PART NO.	DESCRIPTION (GRADE)
ASB-00030971	CHINESE GINSENG LEAF (RGBRM)
ASB-00030303	GINSENG - PANAX ROOT (VBRM)
ASB-00030304	GINSENG - PANAX ROOT (XRM)
ASB-00007190	GINSENOSIDE Rb1 (AHP)
ASB-00007195	GINSENOSIDE Rb2 (AHP)
ASB-00007197	GINSENOSIDE Rb3 (RG)
ASB-00007200	GINSENOSIDE Rc (AHP)
ASB-00007206	GINSENOSIDE Rd (SH)
ASB-00007210	GINSENOSIDE Re (AHP)
ASB-00007216	GINSENOSIDE Rf (SH)
ASB-00007220	GINSENOSIDE Rg1 (AHP)
ASB-00007222	GINSENOSIDE Rg2 (RG)
ASB-00007223	GINSENOSIDE Rg3 (RG)
ASB-00007228	GINSENOSIDE Rh1 (RG)
ASB-00007229	GINSENOSIDE Rh2 (RG)
ASB-00016053	PANAXADIOL (RG)
ASB-00016054	PANAXATRIOL (RG)
ASB-00016345	PSEUDOGINSENOSIDE F11 (SH)

Girald Daphne

Botanical Name: *Daphne giraldii*
Other Name: Girald Daphne

PART NO.	DESCRIPTION (GRADE)
ASB-00004026	DAPHNETIN (RG)
ASB-00005060	ELEUTHEROSIDE B (P)

Globe Candytuft

Botanical Name: *Iberis umbellata*
Other Name: Globe Candytuft; Annual Candytuft

PART NO.	DESCRIPTION (GRADE)
ASB-00003916	CUCURBITACIN B (RG)
ASB-00003914	CUCURBITACIN D (SH)
ASB-00003910	CUCURBITACIN E (SH)
ASB-00003915	CUCURBITACIN I (SH)

Gloriosa Lily

Botanical Name: *Gloriosa superba*
Other Name: Flame Lily; Glory lily; Climbing Lily; Gloriosa Lily; Tiger Claw

PART NO.	DESCRIPTION (GRADE)
ASB-00003702	COLCHICINE (RG)

Gofasa

Botanical Name: *Vitex altissima*
Other Name: Gofasa; Laban; Bavalgi

PART NO.	DESCRIPTION (GRADE)
ASB-00011150	AGNUSIDE (P)

Gold Dust Tree

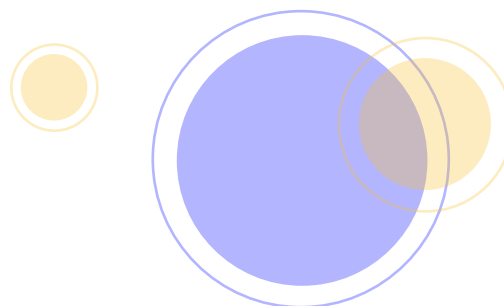
Botanical Name: *Aucuba japonica*
Other Name: Gold Dust Tree; Spotted Laurel; Japanese Laurel

PART NO.	DESCRIPTION (GRADE)
ASB-00011085	AUCUBIN (P)

Golden Ragwort

Botanical Name: *Senecio aureus*
Other Name: Golden Ragwort; Golden Groundsel; Liferoot; Squaw Weed

PART NO.	DESCRIPTION (GRADE)
ASB-00011055	ASTRAGALIN (KAEMPFEROL-3-GLUCOSIDE) (P)
ASB-00009505	ISOQUERCETIN (P)



Product Selection

Goldenrod

Botanical Name: *Solidago virgaurea*

Other Name: Goldenrod; European Goldenrod; Yellow Weed; Woundweed; Blue Mountain Tea; Woundwort

PART NO.	DESCRIPTION (GRADE)
ASB-00011055	ASTRAGALIN (KAEMPFEROL-3-GLUCOSIDE) (P)
ASB-00002356	BORNEOL, (-) (SG)
ASB-00002357	BORNYL ACETATE (SG)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00009505	ISOQUERCETIN (P)
ASB-00009520	ISORHAMNETIN (P)
ASB-00011020	KAEMPFEROL (AHP)
ASB-00012115	LEIOCARPOSIDE (RG)
ASB-00017030	QUERCETIN (AHP)
ASB-00017170	QUERCITRIN (SH)
ASB-00018430	RUTIN (AHP)

Goldenroot (Rhodiola)

Botanical Name: *Rhodiola rosea*

Other Name: Roseroot Stonecrop; Rose Root; Golden Root

PART NO.	DESCRIPTION (GRADE)
KIT-00007526	GOLDENROOT (RHODIOLA ROSEA) STANDARDS KIT
ASB-00030699	<i>Rhodiola rosea</i> ROOT (BRM)
ASB-00030700	<i>Rhodiola rosea</i> ROOT (XRM)
ASB-00018366	ROSARIN (SH)
ASB-00018365	ROSAVIN (P)
ASB-00018367	ROSIN (P)
ASB-00019550	SALIDROSIDE (P)
ASB-00020626	TYROSOL (P)

Goldenseal

Botanical Name: *Hydrastis canadensis*

Other Name: Goldenseal; (Orange, Yellow, Eye, or Jaundice) Root; Ground Raspberry; Indian Dye

PART NO.	DESCRIPTION (GRADE)
ASB-00040300	AHP GOLDENSEAL ROOT MONOGRAPH (BK)
ASB-00002200	BERBERINE CHLORIDE (SH)
ASB-00030786	GOLDENSEAL LEAF (VBRM)
ASB-00030829	GOLDENSEAL ROOT (BRM)
ASB-00035930	GOLDENSEAL ROOT (VBRM)
ASB-00035931	GOLDENSEAL ROOT (XRM)
KIT-00007430	GOLDENSEAL HPLC KIT
ASB-00008351	HYDRASTINE HCl, (+)-B- (SH)
ASB-00008350	HYDRASTINE, (-)-B- (AHP)
ASB-00008352	HYDRASTININE HCl (RG)
ASB-00016049	PALMATINE (P)
ASB-00020155	TETRAHYDROBERBERINE (CANADINE) (P)

Goldenthread

Botanical Name: *Coptis spp.*

Other Name: *Coptis*

PART NO.	DESCRIPTION (GRADE)
ASB-00002201	BERBERINE CHLORIDE (AHP)
ASB-00003770	COPTISINE CHLORIDE (RG)
ASB-00008350	HYDRASTINE, (-)-B- (AHP)
ASB-00016049	PALMATINE (P)
ASB-00020155	TETRAHYDROBERBERINE (CANADINE) (P)
ASB-00020172	TETRAHYDROPALMATINE, L- (RG)

Gold-of-Pleasure

Botanical Name: *Camelina sativa*

Other Name: Gold-of-Pleasure; Camelina; Camelina Pilosa; False Flax; Big-Seed False Flax

PART NO.	DESCRIPTION (GRADE)
CALL	DESULFOGLUCOERUCIN
CALL	DESULFOPROGOITRIN
CALL	GLUCOERUCIN
CALL	PROGOITRIN

Grape Seed

Botanical Name: *Vitis vinifera*

Other Name: Grape Seed Extract

PART NO.	DESCRIPTION (GRADE)
ASB-00003310	CATECHIN, (+)- (AHP)
ASB-00005135	EPICATECHIN GALLATE, (-)- (P)
ASB-00005130	EPICATECHIN, (+)- (RG)
ASB-00005150	EPIGALLOCATECHIN GALLATE, (-)- (P)
ASB-00005145	EPIGALLOCATECHIN, (-)- (P)
ASB-00007040	GALLIC ACID (P)
ASB-00016230	PROCYANIDIN B1 (RG)
ASB-00016231	PROCYANIDIN B2 (RG)
ASB-00016232	PROCYANIDIN C1 (P) (CALL)

Grape Seed Polyphenolics (Stilbenes)

Botanical Name: *Vitis vinifera*

Other Name: Grape Seed Extract

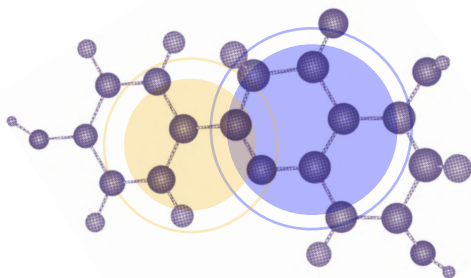
PART NO.	DESCRIPTION (GRADE)
ASB-00005091	EMODIN (P)
ASB-00016945	POLYDATIN (PICEID) (P)
ASB-00016995	PTEROSTILBENE (P)
ASB-00018090	RESVERATROL (P)
CALL	RESVERATROL-B-D-GLUCOPYRANOSIDE

Grapefruit

Botanical Name: *Citrus paradisi*

Other Name: Grapefruit; Pomelo

PART NO.	DESCRIPTION (GRADE)
ASB-00014205	NARINGENIN (P)
ASB-00014221	NARINGIN (SH)
ASB-00014250	NEOHESPERIDIN (SH)
ASB-00020035	TANGERETIN (P)



Product Selection

Great Masterwort

Botanical Name: *Astrantia major*
Other Name: Great Masterwort; Masterwort

PART NO.	DESCRIPTION (GRADE)
ASB-00008075	hederin, alpha- (SH)

Great Mullein

Botanical Name: *Verbascum thapsus*
Other Name: Great Mullein; Common Mullein; Sows Ear; Flannel-Weed; Fuzzy Mullein; Indian Tobacco

PART NO.	DESCRIPTION (GRADE)
ASB-00011085	AUCUBIN (P)
ASB-00003274	CATALPOL (SH)
CALL	HARPAGIDE
ASB-00012500	LUTEOLIN 7-GLUCOSIDE (P)
ASB-00012461	LUTEOLIN (P)

Greek Sage

Botanical Name: *Salvia triloba*
Other Name: Greek Sage; Spanish Sage; East Mediterranean Sage

PART NO.	DESCRIPTION (GRADE)
ASB-00003830	APIGENIN-7-GLUCOSIDE (COSMOSIIN) (P)
ASB-00002355	BORNEOL, (+)- (SG)
ASB-00002357	BORNYL ACETATE (SG)
ASB-00005375	EUCALYPTOL (SG)
ASB-00012235	LINALYL ACETATE (SG)
ASB-00012500	LUTEOLIN 7-GLUCOSIDE (P)
ASB-00015303	OLEANOLIC ACID (P)
ASB-00018370	ROSMARINIC ACID (P)
ASB-00020287	THUJONE, ALPHA- (SH)

Green Tea

Botanical Name: *Camellia sinensis*
Other Name: Tea Plant; Green Tea; Chinese Tea; Japanese Tea; Tea; Chai; Ming

PART NO.	DESCRIPTION (GRADE)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003032	CAFFEINE (USP) (P)
KIT-00003285	CATECHIN HPLC ANALYSIS KIT (P)
ASB-00003310	CATECHIN, (+)- (AHP)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00003838	COUMARIC ACID, P- (RG)
ASB-00005135	EPICATECHIN GALLATE, (-)- (P)
ASB-00005125	EPICATECHIN, (-)- (AHP)
ASB-00005150	EPIGALLOCATECHIN GALLATE, (-)- (P)
ASB-00005145	EPIGALLOCATECHIN, (-)- (P)
ASB-00007040	GALLIC ACID (P)
ASB-00007045	GALLOCATECHIN GALLATE, (-)- (SH)
ASB-00030330	GREEN TEA LEAF (VBRM)
ASB-00030331	GREEN TEA LEAF (XRM)
ASB-00020250	THEANINE, L- (RG)

Guajava

Botanical Name: *Cassia alata*
Other Name: Guajava; Candlebush; Candlestick Senna; Christmas-Candle; Fleur a Dartres

PART NO.	DESCRIPTION (GRADE)
ASB-00001611	ALOE EMODIN (SH)
ASB-00003635	CHRYSOPHANOL (SH)
ASB-00011020	KAEMPFEROL (AHP)
ASB-00018230	RHEIN (SH)

Guarana

Botanical Name: *Paullinia cupana*
Other Name: Guarana; Guarane; Guarana Kletterstrauch; Guaranastruik; Cupana; Brazilian Cocoa

PART NO.	DESCRIPTION (GRADE)
ASB-00003027	CAFFEINE (SH)
ASB-00003310	CATECHIN, (+)- (AHP)
ASB-00005125	EPICATECHIN, (-)- (AHP)
ASB-00030335	GUARANA (BRM)
ASB-00030336	GUARANA (XRM)
ASB-00020252	THEAFLAVINE (P)
ASB-00020251	THEOBROMINE (SH)
ASB-00020255	THEOPHYLLINE (SH)

Guggul

Botanical Name: *Commiphora mukul*
Other Name: Gugulipid; Gum Guggulu; Commiphora; Mukul; Guggul; Indian Bdellium Tree; Myrrh

PART NO.	DESCRIPTION (GRADE)
ASB-00007500	GUGGULSTERONE E (P)
ASB-00007505	GUGGULSTERONE Z (P)
ASB-00007503	GUGGULSTERONES E&Z (MIX) (RG)
KIT-00007510	GUGGULSTERONES STANDARDS KIT
ASB-00019194	SESAMIN (P)

Guianensis

Botanical Name: *Uncaria guianensis*
Other Name: Cat's Claw

PART NO.	DESCRIPTION (GRADE)
ASB-00009417	ISOMITRAPHYLLINE (P)
ASB-00013955	MITRAPHYLLINE (P)
ASB-00021220	UNCARINE C (P)
ASB-00021230	UNCARINE D (P)
ASB-00021225	UNCARINE E (P)

Gum Arabic Tree

Botanical Name: *Acacia nilotica* (Syn. *Acacia arabica*)
Other Name: Gum Arabic Tree

PART NO.	DESCRIPTION (GRADE)
ASB-00003310	CATECHIN, (+)- (AHP)
ASB-00005135	EPICATECHIN 3-GALLATE, (-)- (P)
ASB-00005125	EPICATECHIN, (-)- (AHP)
ASB-00005150	EPIGALLOCATECHIN GALLATE, (-)- (P)
ASB-00007040	GALLIC ACID (P)
ASB-00009505	ISOQUERCETIN (P)

Product Selection

Gum Catechu

Botanical Name: *Uncaria gambir*
Other Name: Gambier; Gambir; Pale Catechu; Cutch; Gum Catechu; Catechu; (Cat's Claw)

PART NO.	DESCRIPTION (GRADE)
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ASB-00003310	CATECHIN, (+)- (AHP)
ASB-00005125	EPICATECHIN, (-)- (AHP)
ASB-00013955	MITRAPHYLLINE (P)

Gymnema

Botanical Name: *Gymnema sylvestris*
Other Name: Gurmar; Gurmarbooti; Gurmar; periploca of the woods; meshasing; mes-basingi

PART NO.	DESCRIPTION (GRADE)
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ASB-00004081	DEACYLGYMNEMIC ACID (P)
ASB-00030340	GYMNEMA (BRM)
ASB-00030341	GYMNEMA (XRM)
CALL	GYMNEMA HPLC ANALYSIS KIT
ASB-00007610	GYMNEMAGENIN (P)

Hairy Broom

Botanical Name: *Chamaecytisus eriocarpus*
Other Name: Hairy Broom

PART NO.	DESCRIPTION (GRADE)
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ASB-00004007	DAIDZEIN (AHP)
ASB-00007095	GENISTIN (P)
ASB-00015381	ORIENTIN (SH)
CALL	SPARTEINE, (-)-
ASB-00022850	VITEXIN (P)

Hairy St John's Wort

Botanical Name: *Hypericum hirsutum*
Other Name: Hairy St John's Wort

PART NO.	DESCRIPTION (GRADE)
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CALL	BIAPIGENIN, I3, II8-
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Hare's-foot Clover

Botanical Name: *Trifolium arvense*
Other Name: Rabbitfoot Clover; Hare's-foot Clover; Stone Clover; Oldfield Clover

PART NO.	DESCRIPTION (GRADE)
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ASB-00006192	FORMONONETIN (AHP)
ASB-00007082	GENISTEIN (AHP)

Harmala

Botanical Name: *Peganum harmala*
Other Name: Harmal Peganum; Syrian Rue; Harmala; African Rue; Harmel; Wild Rue; Harmal

PART NO.	DESCRIPTION (GRADE)
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ASB-00008040	HARMALINE (RG)
ASB-00008042	HARMALOL HCL (SH)
ASB-00008045	HARMINE (SH)

Hawthorn

Botanical Name: *Crataegus laevigata*
Other Name: Smooth Hawthorn; Midland Hawthorn; Woodland Hawthorn; Mayflower

PART NO.	DESCRIPTION (GRADE)
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ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00008916	HYPEROSIDE (P)
ASB-00015303	OLEANOLIC ACID (P)
ASB-00016231	PROCYANIDIN B2
ASB-00018430	RUTIN (AHP)
ASB-00022850	VITEXIN (P)
ASB-00022901	VITEXIN-2"-O-RHAMNOSIDE (RG)

Headed Savory

Botanical Name: *Thymus capitatus*
Other Name: Headed Savory; Thymus

PART NO.	DESCRIPTION (GRADE)
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ASB-00020295	THYMOL (SG)
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Heather

Botanical Name: *Calluna vulgaris*
Other Name: Common Calluna; Heather

PART NO.	DESCRIPTION (GRADE)
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ASB-00001976	ARBUTIN (P)
ASB-00003310	CATECHIN, (+)- (AHP)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00003838	COUMARIC ACID, P- (RG)
ASB-00005125	EPICATECHIN, (-)- (AHP)
ASB-00008916	HYPEROSIDE (P)
ASB-00011020	KAEMPFEROL (AHP)
ASB-00013921	MYRICETIN (CANNABISCETIN) (P)
ASB-00016231	PROCYANIDIN B2
ASB-00016306	PROTocatechuic acid (P)
ASB-00017030	QUERCETIN (AHP)
ASB-00022306	VANILLIC ACID (RG)

Hedge Hyssop

Botanical Name: *Gratiola officinalis*
Other Name: Hedge Hyssop; Gratiola; Head of Grace

PART NO.	DESCRIPTION (GRADE)
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ASB-00002245	BETULINIC ACID (P)
ASB-00003916	CUCURBITACIN B (RG)
ASB-00003914	CUCURBITACIN D (SH)
ASB-00003910	CUCURBITACIN E (SH)
CALL	CUCURBITACIN E-2-O-GLUCOSIDE
ASB-00003915	CUCURBITACIN I (SH)
ASB-00022390	VERBASCOSIDE (P)

Hedichium

Botanical Name: *Hedychium spicatum*
Other Name: Hedichium; Kapur Kachri; Spiked Ginger-Lily; Sutti; Spiked Ginger Lily

PART NO.	DESCRIPTION (GRADE)
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CALL	METHOXYCINNAMIC ACID ETHYL ESTER, P-
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Product Selection

Herb Paris

Botanical Name: *Paris quadrifolia*
Other Name: Herb Paris; Four-Leaved Paris; Embeere; One-berry; True Love; Oneberry

PART NO.	DESCRIPTION (GRADE)
ASB-00004914	DIOSCIN (P)
ASB-00004916	DIOSGENIN (SAOGENIN) (P)
ASB-00005015	ECDYSONE, BETA- (SH)
CALL	TRILLIN

Hercules Club

Botanical Name: *Zanthoxylum clava-herculis*
Other Name: Hercules Club; Hercules-Club Prickly-Ash; Pepperwood

PART NO.	DESCRIPTION (GRADE)
ASB-00019194	SESAMIN (P)

Himalayan Rhubarb

Botanical Name: *Rheum emodi*
Other Name: Revandchini; Rhubarb; Himalayan Rhubarb; Indian Rhubarb; Thuzna

PART NO.	DESCRIPTION (GRADE)
ASB-00018220	RHAPONTICIN (RG)

Himalayan-Butterfly Bush

Botanical Name: *Buddleja crispa*
Other Name: Himalayan-Butterfly Bush

PART NO.	DESCRIPTION (GRADE)
ASB-00011150	AGNUSIDE (P)
ASB-00019285	SITOSTEROL, B- (AHP)

Hirsuta

Botanical Name: *Uncaria hirsuta*
Other Name: Cat's Claw

PART NO.	DESCRIPTION (GRADE)
ASB-00009417	ISOMITRAPHYLLINE (P)
ASB-00013955	MITRAPHYLLINE (P)

Hoary Basil

Botanical Name: *Ocimum canum*
Other Name: Hoary Basil; Basil; Basil Linabul; Holy Basil

PART NO.	DESCRIPTION (GRADE)
ASB-00005375	EUCALYPTOL (SG)
ASB-00011085	AUCUBIN (P)

Holly

Botanical Name: *Ilex aquifolium*
Other Name: Common Holly; English Holly; Holly; Wildflower of the British Isles

PART NO.	DESCRIPTION (GRADE)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00015303	OLEANOLIC ACID (P)
ASB-00018430	RUTIN (AHP)

Holy Basil

Botanical Name: *Ocimum tenuiflorum* (Syn. *Ocimum sanctum*)
Other Name: Tulasi

PART NO.	DESCRIPTION (GRADE)
CALL	HOLY BASIL STANDARDS KIT
ASB-00015303	OLEANOLIC ACID (P)
ASB-00021600	URSOLIC ACID (P)

Hops

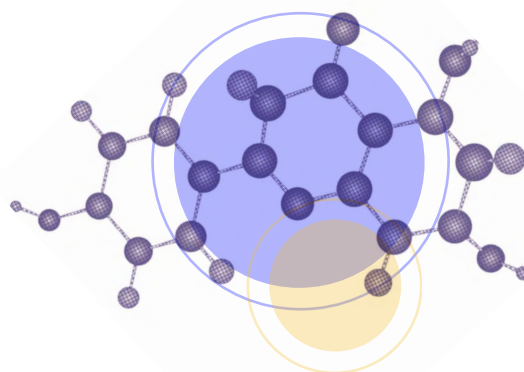
Botanical Name: *Humulus lupulus*
Other Name: Common Hops; European Hops; Hops

PART NO.	DESCRIPTION (GRADE)
ASB-00008332	HOPS BITTER ACID CALIBRATION MIXTURE (RG)
ASB-00009638	ISOXANTHOTHUMOL (NEW) (P)
ASB-00024010	XANTHOTHUMOL (P)
ASB-00003830	APIGENIN-7-GLUCOSIDE (COSMOSIIN) (P)
ASB-00011055	ASTRAGALIN (KAEMPFEROL-3-GLUCOSIDE) (P)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003310	CATECHIN, (+)- (AHP)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00003838	COUMARIC ACID, P- (RG)
ASB-00005125	EPICATECHIN, (-)- (AHP)
ASB-00006005	FERULIC ACID (SH)
ASB-00007040	GALLIC ACID (P)
ASB-00009505	ISOQUERCETIN (P)
ASB-00009638	ISOXANTHOTHUMOL (NEW) (P)
ASB-00012500	LUTEOLIN 7-GLUCOSIDE (P)
ASB-00016306	PROTOCATECHUIC ACID (P)
ASB-00018430	RUTIN (AHP)
ASB-00022306	VANILLIC ACID (RG)
ASB-00022850	VITEXIN (P)
ASB-00024010	XANTHOTHUMOL (P)
ASB-00030345	HOPS STROBILE (BRM)

Horny Goatweed

Botanical Name: *Epimedium brevicornum*
Other Name: Horny Goatweed; Barrenwort; Bishop's Hat; Fairy Wings; Yin Yang Huo

PART NO.	DESCRIPTION (GRADE)
ASB-00005158	EPIMEDIN A (P)
ASB-00005155	EPIMEDIN B (P)
ASB-00005160	EPIMEDIN C (P)
ASB-00009033	ICARIIN (P)



Product Selection

Horse Chestnut

Botanical Name: *Aesculus hippocastanum*
Other Name: Horse Chestnut; Chestnut Bud; flower: White Chestnut

PART NO.	DESCRIPTION (GRADE)
ASB-00001530	ALLANTOIN (SH)
ASB-00011055	ASTRAGALIN (KAEMPFEROL-3-GLUCOSIDE) (SH)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003310	CATECHIN, (+)- (AHP)
ASB-00003838	COUMARIC ACID, P- (RG)
ASB-00005125	EPICATECHIN, (-)- (AHP)
ASB-00005259	ESCULIN (ESCULETIN-6-GLUCOSIDE) (P)
ASB-00009505	ISOQUERCETIN (P)
ASB-00011020	KAEMPFEROL (AHP)
ASB-00017030	QUERCETIN (AHP)
ASB-00017170	QUERCITRIN (SH)
ASB-00018430	RUTIN (AHP)
ASB-00019091	SCOPOLETIN (SH)
ASB-00019285	SITOSTEROL, B- (AHP)

Horseflyweed

Botanical Name: *Baptisia tinctoria*
Other Name: Horseflyweed; Wild Indigo; Yellow False Indigo

PART NO.	DESCRIPTION (GRADE)
ASB-00006192	FORMONONETIN (AHP)
ASB-00007082	GENISTEIN (AHP)
ASB-00012461	LUTEOLIN (P)
ASB-00019091	SCOPOLETIN (SH)
CALL	SPARTEINE, (-)-

Horseradish

Botanical Name: *Armoracia rusticana* (Syn. *Armoracia lappathifolia*)
Other Name: Horseradish

PART NO.	DESCRIPTION (GRADE)
CALL	DESULFOGLUCOCHEROLIN
CALL	DESULFOGLUCOERUCIN
CALL	DESULFOGLUCOIBERIN
CALL	DESULFOGLUCONAPIN
CALL	DESULFOGLUCONASTURTIIN
CALL	DESULFOGLUCOTROPAEOLIN
CALL	DESULFOSINIGRIN
CALL	GLUCOCHEIROLIN
CALL	GLUCOERUCIN
CALL	GLUCOIBERIN
CALL	GLUCONAPIN
CALL	GLUCONASTURTIIN
ASB-00007300	GLUCOTROPAEOLIN (SH)
ASB-00019271	SINIGRIN (SH)

Horseradish Tree

Botanical Name: *Moringa oleifera*
Other Name: Horseradish Tree; Moringa; Drumstick Tree; Ben-Oil Tree; Cabbage Tree; Clarifier Tree

PART NO.	DESCRIPTION (GRADE)
CALL	DESULFOGLUCOCHEROLIN
CALL	DESULFOGLUCOERUCIN
CALL	DESULFOGLUCOIBERIN
CALL	DESULFOGLUCONAPIN
CALL	DESULFOGLUCONASTURTIIN
CALL	DESULFOGLUCOTROPAEOLIN
CALL	DESULFOSINIGRIN
CALL	GLUCOCHEIROLIN
CALL	GLUCOERUCIN
CALL	GLUCOIBERIN
CALL	GLUCONAPIN
CALL	GLUCONASTURTIIN
ASB-00007300	GLUCOTROPAEOLIN (SH)
ASB-00019271	SINIGRIN (SH)

Horsetail

Botanical Name: *Equisetum arvense*
Other Name: Horsetail; Peterwort; Dutch Rushes; Shave-Grass; Bottle-Brush

PART NO.	DESCRIPTION (GRADE)
ASB-00001900	APIGENIN (P)
ASB-00011055	ASTRAGALIN (KAEMPFEROL-3-GLUCOSIDE) (P)
ASB-00009505	ISOQUERCETIN (P)
ASB-00012461	LUTEOLIN (P)
ASB-00014205	NARINGENIN (P)

Ignatius-Bean

Botanical Name: *Strychnos ignatia* (Syn. *Strychnos ignatii*)
Other Name: Ignatius-Bean; Saint Ignatius-Beans

PART NO.	DESCRIPTION (GRADE)
ASB-00002461	BRUCINE (RG)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003450	CHLOROGENIC ACID (AHP)
CALL	STRYCHNINE

Imperforate St John's-Wort

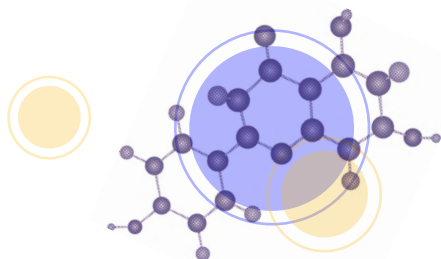
Botanical Name: *Hypericum maculatum*
Other Name: Imperforate St John's-Wort

PART NO.	DESCRIPTION (GRADE)
ASB-00013092	MANGIFERIN (P)

India Mustard

Botanical Name: *Brassica juncea*
Other Name: India Mustard; Curled Mustard; Mustard Greens; Leaf Mustard; Brown Mustard

PART NO.	DESCRIPTION (GRADE)
CALL	DESULFOGLONASTURTIIN
CALL	DESULFOSINIGRIN
CALL	GLUCONASTURTIIN
ASB-00019271	SINIGRIN (SH)



Product Selection

Indian Blackberry

Botanical Name: *Syzygium cumini*
Other Name: (Java or Black) Plum; Jambul; Jaman; Faux Pistachier; Indian Blackberry; Doowet

PART NO.	DESCRIPTION (GRADE)
ASB-00011055	ASTRAGALIN (KAEMPFEROL-3-GLUCOSIDE) (P)
ASB-00002230	BERGENIN (P)
ASB-00002245	BETULINIC ACID (P)
ASB-00002357	BORNYL ACETATE
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00005071	ELLAGIC ACID (P)
ASB-00006005	FERULIC ACID (SH)
ASB-00007040	GALLIC ACID (P)
ASB-00007150	GERANIOL (SG)
ASB-00007418	GUAIACOL (P)
ASB-00008916	HYPEROSIDE (P)
ASB-00009505	ISOQUERCETIN (P)
ASB-00011020	KAEMPFEROL (AHP)
ASB-00011605	KUROMANIN CHLORIDE (CYANIDIN-3-GLUCOSIDE) (SH)
ASB-00013921	MYRICETIN (CANNABISCETIN) (P)
ASB-00015303	OLEANOLIC ACID (P)
ASB-00017030	QUERCETIN (AHP)

Indian Elecampane

Botanical Name: *Inula racemosa* (Syn. *Inula royleana*)
Other Name: Indian Elecampane; Showy Elecampane

PART NO.	DESCRIPTION (GRADE)
CALL	ISOALANTOLACTONE

Indian Gentian

Botanical Name: *Swertia chirata*
Other Name: Clearing Nut Tree; Bitter Stick; Chirette Indien; Dowa I Pechish; Indian Gentian

PART NO.	DESCRIPTION (GRADE)
ASB-00007131	GENTIOPICROSIDE (RG)
ASB-00013092	MANGIFERIN (P)
ASB-00019435	SWEROSIDE (P)
ASB-00019440	SWERTIAMARIN (P)

Indian Gooseberry

Botanical Name: *Phyllanthus emblica* (Syn. *Emblica officinalis*)
Other Name: Emblic; Emblica; Indian Gooseberry; Gooseberry; Phyllanthus Emblica; Amla

PART NO.	DESCRIPTION (GRADE)
ASB-00011055	ASTRAGALIN (KAEMPFEROL-3-GLUCOSIDE) (P)
ASB-00003655	CINNAMIC ACID, TRANS- (SG)
ASB-00003838	COUMARIC ACID, P- (RG)
ASB-00005071	ELLAGIC ACID (P)
ASB-00009505	ISOQUERCETIN (P)
ASB-00012391	LUPEOL (SH)
ASB-00016306	PROTocatechuic Acid (P)

Indian Ivy-Rue (Prickly-Ash)

Botanical Name: *Zanthoxylum budrunga*
Other Name: Indian Ivy-Rue; Clavarter; Prickly-Ash

PART NO.	DESCRIPTION (GRADE)
ASB-00005395	EVODIAMINE (SH)
ASB-00012391	LUPEOL (SH)
ASB-00018425	RUTAECARPINE (SH)
ASB-00019194	SESAMIN (P)

Indian Laurel

Botanical Name: *Terminalia elliptica* (Syn. *Terminalia tomentosa*)
Other Name: Crocodile Bark; Indian Laurel; Taukkyan; Sadar; Matti; Asan; Marda

PART NO.	DESCRIPTION (GRADE)
ASB-00015303	OLEANOLIC ACID (P)

Indian Plantago

Botanical Name: *Plantago ovata*
Other Name: Blond Psyllium; Blonde Ispaghula; Indian Plantago; Indian Plantain; Ispaghul

PART NO.	DESCRIPTION (GRADE)
ASB-00011086	AUCUBIN (SH)

Indian Senna

Botanical Name: *Senna alexandrina* (Syn. *Cassia angustifolia*)
Other Name: Senna; Indian Senna; Tinnervely Senna; Cassia Senna (native to India)

PART NO.	DESCRIPTION (GRADE)
ASB-00001611	ALOE EMODIN (SH)
ASB-00005091	EMODIN (P)
ASB-00009520	ISORHAMNETIN (P)
ASB-00011020	KAEMPFEROL (AHP)
ASB-00018230	RHEIN (SH)
ASB-00019156	SENNOSIDE A (SH)
ASB-00019161	SENNOSIDE B (SH)
KIT-00019162	SENNA STANDARDS KIT

Indian Valerian

Botanical Name: *Valeriana jatamansi*
Other Name: Indian Valerian; Tagara

PART NO.	DESCRIPTION (GRADE)
CALL	PATCHOULI ALCOHOL

Indiantree Spurge

Botanical Name: *Euphorbia tirucalli*
Other Name: Indiantree Spurge; Tithymalus Tirucalli; Tirucalla indica; Euphorbia Viminalis

PART NO.	DESCRIPTION (GRADE)
ASB-00011605	KUROMANIN CHLORIDE (CYANIDIN-3-GLUCOSIDE) (SH)
ASB-00017030	QUERCETIN (AHP)

Product Selection

Inula

Botanical Name: *Inula viscosa*
Other Name: *Inula*; False Yellowhead

PART NO.	DESCRIPTION (GRADE)
ASB-00005375	EUCALYPTOL (SG)
ASB-00005375	EUCALYPTOL (SG)
ASB-00014205	NARINGENIN (P)
ASB-00020065	TAXIFOLIN (P)

Isodon japonica

Botanical Name: *Isodon japonicus*
Other Name:

PART NO.	DESCRIPTION (GRADE)
CALL	ORIDONIN

Ivory Coast Almond

Botanical Name: *Terminalia ivorensis*
Other Name: *Ivory Coast Almond*; *Black Afara*; *Blackbark*; *Brimstonewood*; *Emire*; *Idigbo*; *Satinwood*

PART NO.	DESCRIPTION (GRADE)
ASB-00005071	ELLAGIC ACID (P)

Japanese Aconite

Botanical Name: *Aconitum camichaelii*
Other Name: *Japanese Aconite*; *Aconite*; *Fischer or Carmichael's Monkshood*; *Monkshood*

PART NO.	DESCRIPTION (GRADE)
ASB-00001340	ACONITINE (P)
ASB-00008900	HYPACONITINE (P)
ASB-00013218	MESACONITINE (P)

Japanese Barberry

Botanical Name: *Berberis thunbergii*
Other Name: *Japanese Barberry*; *Thunberg's Barberry*; *Red Barberry*

PART NO.	DESCRIPTION (GRADE)
ASB-00002201	BERBERINE CHLORIDE (AHP)
ASB-00010150	JATRORRHIZINE HCL (RG)

Japanese Dornel Dogwood

Botanical Name: *Cornus officinalis*
Other Name: *Japanese Dornel Dogwood*; *Japanese Cornelian cherry*; *Asiatic Dogwood*;

PART NO.	DESCRIPTION (GRADE)
ASB-00012351	LOGANIN (RG)

Japanese Ivy

Botanical Name: *Hedera rhombea*
Other Name: *Japanese Ivy*; *Variiegata*; *Variiegated Korean Ivy*

PART NO.	DESCRIPTION (GRADE)
ASB-00008067	hederagenin (RG)
ASB-00015303	OLEANOLIC ACID (P)

Japanese Knotweed

Botanical Name: *Fallopia japonica* (Syn. *Polygonum cuspidatum*)
Other Name: *Japanese Knotweed*; *Fleeceflower*; *Mexican Bamboo*; *Huzhang*

PART NO.	DESCRIPTION (GRADE)
ASB-00016945	POLYDATIN (PICEID) (P)
ASB-00018090	RESVERATROL (P)

Japanese Pepper Tree

Botanical Name: *Zanthoxylum piperitum*
Other Name: *Japanese Pepper Tree*; *Sansho*; *Japan Pepper*; *Prickly-Ash*

PART NO.	DESCRIPTION (GRADE)
ASB-00007150	GERANIOL (SG)
ASB-00011020	KAEMPFEROL (AHP)
ASB-00017030	QUERCETIN (AHP)
ASB-00017170	QUERCITRIN (SH)

Japanese Star-Anise

Botanical Name: *Illicium anisatum*
Other Name: *Star Anise*; *Japanese Star-Anise*; *Japanese Anise Tree*

PART NO.	DESCRIPTION (GRADE)
CALL	ANISTATIN
CALL	METHYLEUGENOL

Java Pepper

Botanical Name: *Piper cubeba*
Other Name: *Cubeb*; *Cubebis*; *Java Pepper*; *Tailed cubebis*; *Tailed Pepper*; *Cubeb Pepper*

PART NO.	DESCRIPTION (GRADE)
ASB-00011016	ASARONE, ALPHA- (SG)
ASB-00011017	ASARONE, BETA- (SG)
ASB-00005375	EUCALYPTOL (SG)

Jerusalem Oak Goosefoot

Botanical Name: *Chenopodium botrys*
Other Name: *Jerusalem Oak Goosefoot*; *Jerusalem Oak*; *Sticky Goosefoot*

PART NO.	DESCRIPTION (GRADE)
ASB-00009505	ISOQUERCETIN (P)
ASB-00019265	SINENSETIN (P)

Jujube

Botanical Name: *Zizyphus zizyphus*
Other Name: *Chinese Date*; *Jujube*; *Chinese Jujube*; *Common Jujube*; *Red Date*

PART NO.	DESCRIPTION (GRADE)
ASB-00010525	JUJUBOSIDE A (SH)
ASB-00010526	JUJUBOSIDE B (P)
ASB-00030358	JUJUBE FRUIT (RGRM)
KIT-00010527	JUJUBE STANDARDS KIT

Product Selection

Juniper

Botanical Name: *Juniperus communis*
Other Name: Common, Dwarf, Prostrate, Mountain Common, Old Field Common, or Ground Juniper

PART NO.	DESCRIPTION (GRADE)
ASB-00002357	BORNYL ACETATE (SG)
ASB-00003310	CATECHIN, (+)- (AHP)
ASB-00005125	EPICATECHIN, (-)- (AHP)
ASB-00005140	EPIGALLOCATECHIN, (-)- (P)
ASB-00009505	ISOQUERCETIN (P)
ASB-00016230	PROCYANIDIN B1
ASB-00016231	PROCYANIDIN B2
ASB-00017030	QUERCETIN (AHP)
ASB-00018430	RUTIN (AHP)

Kabra

Botanical Name: *Capparis spinosa*
Other Name: Kabra; Kaba; Caper

PART NO.	DESCRIPTION (GRADE)
ASB-00003085	CAMPTOTHECIN (P)
CALL	DESULFOGINSALBIN
CALL	DESULFOGLUCOIBERIN
CALL	DESULFOSINIGRIN
CALL	GLUCOIBERIN
CALL	SINALBIN

Kava

Botanical Name: *Piper methysticum*
Other Name: Kava Kava

PART NO.	DESCRIPTION (GRADE)
CALL	1-(2,4-DIHYDROXY-6-METHOXYPHENYL)-3-HYDROXY-3-(4-METHOXYPHENYL)-PROPAN-1-ONE
CALL	1-(2,4-DIHYDROXY-6-METHOXYPHENYL)-3-HYDROXY-3-PHENYL-PROPAN-1-ONE
CALL	11,12-DIMETHOXYDIHYDROKAVAIN
CALL	11-METHOXYANGONIN
CALL	6-PHENYLHEXA-3,5-DIEN-2-ONE
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00004236	DESMETHOXYANGONIN (P)
ASB-00004476	DIHYDROKAVAIN (P)
KIT-00004477	DIHYDROMETHYSTICIN (P)
CALL	FLAVOKAVAIN A
KIT-00011310	KAVA KAVA STANDARDS KIT
ASB-00011305	KAVAIN, DL- (RG)
ASB-00013860	METHYSTICIN (P)
ASB-00025010	YANGONIN (P)

Knapweeds

Botanical Name: *Centaurea spp.*
Other Name:

PART NO.	DESCRIPTION (GRADE)
CALL	CENTAUREIDINE (P)
CALL	CENTAUREIN (P)

Kobus Magnolia

Botanical Name: *Magnolia kobus*
Other Name: Kobus Magnolia

PART NO.	DESCRIPTION (GRADE)
ASB-00005375	EUCALYPTOL (SG)
ASB-00019194	SESAMIN (P)

Korean Epimedium

Botanical Name: *Epimedium koreanum*
Other Name: Korean Epimedium; Yin Yang Huo; Horny Goat Weed; Barrenwort

PART NO.	DESCRIPTION (GRADE)
ASB-00009033	ICARIIN (P)

Krantz Aloe

Botanical Name: *Aloe arborescens*
Other Name: Krantz Aloe; Candelabra Aloe; Candelabra Plant; Octopus Aloe; Octopus Plant

PART NO.	DESCRIPTION (GRADE)
ASB-00001611	ALOE EMODIN (SH)
CALL	ALOENIN A

Kudzu

Botanical Name: *Pueraria lobata* (Syn. *Pueraria montana*)
Other Name: Kudzu; Japanese Arrowroot; Kudzu Vine

PART NO.	DESCRIPTION (GRADE)
ASB-00004007	DAIDZEIN (AHP)
ASB-00004015	DAIDZIN (SH)
ASB-00007082	GENISTEIN (AHP)
ASB-00007095	GENISTIN (P)
KIT-00011580	KUDZU FLAVONOID STANDARDS KIT
ASB-00016385	PUERARIN (P)
ASB-00017030	QUERCETIN (AHP)

Lanosa

Botanical Name: *Uncaria lanosa*
Other Name: Cat's Claw

PART NO.	DESCRIPTION (GRADE)
ASB-00009417	ISOMITRAPHYLLINE (P)
ASB-00013955	MITRAPHYLLINE (P)
ASB-00021220	UNCARINE C (P)
ASB-00021230	UNCARINE D (P)
ASB-00021225	UNCARINE E (P)

Large Spotted Spurge

Botanical Name: *Euphorbia hypericifolia*
Other Name: Large Spotted Spurge; Spurge; Lechosa; Leche-Leche; Yerba Golondrina

PART NO.	DESCRIPTION (GRADE)
ASB-00005071	ELLAGIC ACID (P)
ASB-00011020	KAEMPFEROL (AHP)
ASB-00017030	QUERCETIN (AHP)
ASB-00017170	QUERCITRIN (SH)

Product Selection

Large-Leaved Lime

Botanical Name: *Tilia platyphyllos*
Other Name: Large-Leaved Lime; Largeleaf Linden

PART NO.	DESCRIPTION (GRADE)
ASB-00011055	ASTRAGALIN (KAEMPFEROL-3-GLUCOSIDE) (P)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00003838	COUMARIC ACID, P- (RG)
ASB-00005071	ELLAGIC ACID (P)
ASB-00005260	ESCULIN (ESCULETIN-6-GLUCOSIDE) (RG)
ASB-00007040	GALLIC ACID (P)
ASB-00008916	HYPEROSIDE (P)
ASB-00009505	ISOQUERCETIN (P)
ASB-00011020	KAEMPFEROL (AHP)
ASB-00016231	PROCYANIDIN B2
ASB-00016306	PROTOCATECHUIC ACID (P)
ASB-00017030	QUERCETIN (AHP)
ASB-00018430	RUTIN (AHP)
ASB-00020306	TILIROSIDE (P)

Laurel Magnolia

Botanical Name: *Magnolia virginiana*
Other Name: Laurel Magnolia; Sweet-Bay; Swamp-Bay; White-Bay; Beaver Tree

PART NO.	DESCRIPTION (GRADE)
ASB-00002357	BORNYL ACETATE (SG)
ASB-00003825	COSTUNOLIDE (SH)
ASB-00013030	MAGNOLOL (SH)
ASB-00016070	PARTHENOLIDE (P)

Laurel Willow

Botanical Name: *Salix pentandra*
Other Name: Laurel Willow; Bay Willow; Bay-Leaf Willow

PART NO.	DESCRIPTION (GRADE)
ASB-00003310	CATECHIN, (+)- (AHP)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00008916	HYPEROSIDE (P)
ASB-00017170	QUERCITRIN (SH)
ASB-00019029	SALICIN (AHP)

Leafy Spurge

Botanical Name: *Euphorbia esula*
Other Name: Leafy Spurge; Spurge; Wolf's Milk; Wolf's-Milk; The Green Spurge

PART NO.	DESCRIPTION (GRADE)
ASB-00008916	HYPEROSIDE (P)
ASB-00009505	ISOQUERCETIN (P)
ASB-00012391	LUPEOL (SH)

Leek

Botanical Name: *Allium ampeloprasum* var. *porum* (Syn. *Allium porum*)
Other Name: Leek; Garden Leek

PART NO.	DESCRIPTION (GRADE)
ASB-00001540	ALLIIN (P)
ASB-00001851	ANETHOLE, TRANS- (P)
ASB-00011056	ASTRAGALIN (KAEMPFEROL-3-O-GLUCOSIDE) (SH)
ASB-00009505	ISOQUERCETIN (P)

Lemon Balm

Botanical Name: *Melissa officinalis*
Other Name: Lemon Balm; Common Balm; Balm

PART NO.	DESCRIPTION (GRADE)
ASB-00003830	APIGENIN-7-GLUCOSIDE (COSMOSIIN) (P)
ASB-00002245	BETULINIC ACID (P)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00003838	COUMARIC ACID, P- (RG)
ASB-00006005	FERULIC ACID (SH)
ASB-00007150	GERANIOL (SG)
ASB-00009505	ISOQUERCETIN (P)
ASB-00012500	LUTEOLIN 7-GLUCOSIDE (P)
ASB-00015303	OLEANOLIC ACID (P)
ASB-00016306	PROTOCATECHUIC ACID (P)
ASB-00018370	ROSMARINIC ACID (P)
ASB-00022306	VANILLIC ACID (RG)

Lemon Grass

Botanical Name: *Cymbopogon citratus*
Other Name: Lemon Grass; Fever Grass; Sereh; Citroengras; Te Limon; Zacate Limon

PART NO.	DESCRIPTION (GRADE)
ASB-00007150	GERANIOL (SG)
ASB-00012461	LUTEOLIN (P)

Lemon Thyme

Botanical Name: *Thymus citriodorus*
Other Name: Lemon Thyme; Thyme-Creeping; Doone Valley

PART NO.	DESCRIPTION (GRADE)
ASB-00007150	GERANIOL (SG)
ASB-00020295	THYMOL (SG)

Lemon Verbena

Botanical Name: *Aloysia triphylla*
Other Name: Lemon Verbena; Lemon Beebrush

PART NO.	DESCRIPTION (GRADE)
ASB-00001900	APIGENIN (P)
ASB-00003830	APIGENIN-7-GLUCOSIDE (COSMOSIIN) (P)
ASB-00003780	CORNIN (VERBENALIN) (RG)
ASB-00007150	GERANIOL (SG)
ASB-00012500	LUTEOLIN 7-GLUCOSIDE (P)
ASB-00012461	LUTEOLIN (P)

Lemon-Wood

Botanical Name: *Schisandra sephanthera*
Other Name: Lemon-Wood; Schisandra; Southern Schisandra

PART NO.	DESCRIPTION (GRADE)
ASB-00019504	SCHISANDRIN A (DEOXYSCHISANDRIN) (P)
CALL	SCHISANTHERIN A

Product Selection

Lesser Knapweed

Botanical Name: *Centaurea nigra*
Other Name: Lesser Knapweed; Black Knapweed

PART NO.	DESCRIPTION (GRADE)
CALL	CENTAUREIDINE (P)

Lesser Burdock

Botanical Name: *Arctium minus*
Other Name: Common Burdock

PART NO.	DESCRIPTION (GRADE)
ASB-00001977	ARCTIIN (P)
ASB-00011056	ASTRAGALIN (KAEMPFEROL-3-O-GLUCOSIDE) (SH)
ASB-00009505	ISOQUERCETIN (P)
ASB-00018430	RUTIN (AHP)

Levant Cotton

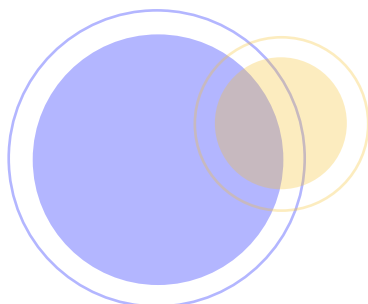
Botanical Name: *Gossypium herbaceum*
Other Name: Levant Cotton; Arabian Cotton; Maltese Cotton; Short-Staple Cotton; Syrian Cotton

PART NO.	DESCRIPTION (GRADE)
ASB-00009505	ISOQUERCETIN (P)
ASB-00011020	KAEMPFEROL (AHP)
ASB-00011605	KUROMANIN CHLORIDE (CYANIDIN-3-GLUCOSIDE) (SH)
ASB-00017170	QUERCITRIN (SH)

Lichen Acids

Botanical Name:
Other Name:

PART NO.	DESCRIPTION (GRADE)
ASB-00011065	ATRANORIN (RG)
ASB-00004400	DIFFRACTIC ACID (SH)
ASB-00007048	GANGALEOIDIN (SH)
ASB-00012095	LECANORIC ACID (SH)
ASB-00012117	LEOIDIN (SH)
KIT-00012174	LICHEN ACID STANDARDS KIT
ASB-00012305	LOBARIC ACID (SH)
ASB-00014529	NORSTICTIC ACID (SH)
ASB-00016367	PSOROMIC ACID (RG)
ASB-00019359	STICTIC ACID (SH)



Licorice

Botanical Name: *Glycyrrhiza glabra*
Other Name: Cultivated Licorice; Licorice Root; Licorice; Liquorice; Sweet Root; Chinese Licorice

PART NO.	DESCRIPTION (GRADE)
ASB-00011055	ASTRAGALIN (KAEMPFEROL-3-GLUCOSIDE) (P)
ASB-00002245	BETULINIC ACID (P)
ASB-00006190	FORMONONETIN (SH)
ASB-00007030	GALANGIN (SH)
ASB-00007095	GENISTIN (P)
ASB-00007234	GLABRIDIN (SH)
ASB-00007238	GLABRIDIN, 4'-METHYL- (SH)
ASB-00007237	GLABROL (SH)
ASB-00007366	GLYCYRRHETINIC ACID METHYLESTER, 18-ALPHA- (SG)
ASB-00007372	GLYCYRRHETINIC ACID METHYLESTER, 18-BETA- (SG)
ASB-00007365	GLYCYRRHETINIC ACID, 18a- (RG)
ASB-00007370	GLYCYRRHETINIC ACID, 18B- (P)
ASB-00007375	GLYCYRRHIZIC ACID (P)
ASB-00009505	ISOQUERCETIN (P)
ASB-00009520	ISORHAMNETIN (P)
ASB-00009630	ISOVITEXIN (P)
ASB-00011020	KAEMPFEROL (AHP)
ASB-00012295	LIQUIRITIN (SH)
ASB-00012391	LUPEOL (SH)
ASB-00014205	NARINGENIN (P)
ASB-00015371	ONONIN (SH)
ASB-00017030	QUERCETIN (AHP)
ASB-00022850	VITEXIN (P)

Lilac Daphne

Botanical Name: *Daphne genkwa*
Other Name: Lilac Daphne

PART NO.	DESCRIPTION (GRADE)
ASB-00001900	APIGENIN (P)
ASB-00012461	LUTEOLIN (P)
CALL	METHYLEUGENOL

Limonene Chlorhydrins

Botanical Name:
Other Name: Citrus Oils

PART NO.	DESCRIPTION (GRADE)
ASB-00003458	LIMONENE CHLOROXYDRINS (SG)

Lingonberry

Botanical Name: *Vaccinium vitis-idaea*
Other Name: Northern Mountain Cranberry; Mountain Cranberry; Cowberry; Lingonberry

PART NO.	DESCRIPTION (GRADE)
CALL	CYANIDIN-3-ARABINOSIDE
ASB-00004127	DELPHINIDIN-3-O-GLUCOSIDE CHLORIDE (RG)
ASB-00009045	IDEAIN CHLORIDE (CYANIDIN-3-GALACTOSIDE) (SH)
ASB-00011605	KUROMANIN CHLORIDE (CYANIDIN-3-GLUCOSIDE) (SH)
ASB-00019550	SALIDROSIDE (P)

Product Selection

Lithospermum

Botanical Name: *Lithospermum erythrorhizon*
Other Name: Lithospermum; (Purple or Red) Gromwell; Red-Root Gromwell; Redroot Lithospermum

PART NO.	DESCRIPTION (GRADE)
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ASB-00019210	SHIKONIN (RG)
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Lobelia

Botanical Name: *Lobelia inflata*
Other Name: Indian Tobacco

PART NO.	DESCRIPTION (GRADE)
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ASB-00012310	LOBELANIDINE HCL (P)
CALL	LOBELIA HPLC ANALYSIS KIT
ASB-00012321	LOBELINE HCL, a- (P)

Loganiaceae

Botanical Name: *Strychnos spp.*
Other Name: Loganiaceae; Chang Zi Ma Qian

PART NO.	DESCRIPTION (GRADE)
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ASB-00002461	BRUCINE (RG)
CALL	STRYCHNINE

Loliondo

Botanical Name: *Olea capensis*
Other Name: Loliondo; Black or Small Ironwood; East African, Ironwood, or Elgon Olive; Ironwood

PART NO.	DESCRIPTION (GRADE)
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ASB-00015310	OLEUROPEIN (P)
ASB-00019086	SCOPARONE (RG)

London Plane

Botanical Name: *Platanus x hispanica*
Other Name: London plane; Hybrid Plane

PART NO.	DESCRIPTION (GRADE)
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ASB-00001531	ALLANTOIN (RG)
ASB-00011055	ASTRAGALIN (KAEMPFEROL-3-GLUCOSIDE) (P)
ASB-00002237	BETULIN (RG)
ASB-00002247	BETULINIC ACID (RG)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003838	COUMARIC ACID, P- (RG)
ASB-00009505	ISOQUERCETIN (P)
ASB-00011020	KAEMPFEROL (AHP)
ASB-00013921	MYRICETIN (CANNABISCETIN) (P)
ASB-00017030	QUERCETIN (AHP)

Long Pepper

Botanical Name: *Piper longum*
Other Name: Pippali

PART NO.	DESCRIPTION (GRADE)
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ASB-00009201	ISOBUTYLDECADIENAMIDE, N-(2E,4E)- (RG)
ASB-00016869	PIPERINE (P)
ASB-00019194	SESAMIN (P)

Maca

Botanical Name: *Lepidium meyenii*
Other Name: Maca; Peruvian Ginseng; Maka; Mace; Maca-Maca; Maino; Pepperweed

PART NO.	DESCRIPTION (GRADE)
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ASB-00002155	BENZYL ISOTHIOCYANATE (SG)
CALL	DESULOFLUCOTROPAEOLIN
ASB-00007300	GLUCOTROPAEOLIN (SH)
KIT-00013004	MACA ANALYSIS KIT
ASB-00020268	THIOGLUCOSIDASE (RG)

Macela

Botanical Name: *Achyrocline satureioides*
Other Name: Macela

PART NO.	DESCRIPTION (GRADE)
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ASB-00003024	CAFFEIC ACID (AHP)
ASB-00005375	EUCALYPTOL (SG)
ASB-00007030	GALANGIN (SH)
ASB-00009520	ISORHAMNETIN (P)
ASB-00017171	QUERCITRIN (P)

Madagaskar Zeytini

Botanical Name: *Olea madagascariensis*
Other Name: Madagaskar Zeytini

PART NO.	DESCRIPTION (GRADE)
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ASB-00015303	OLEANOLIC ACID (P)
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Madder

Botanical Name: *Rubia cordifolia*
Other Name: Indian Madder; Madderwort; Lukelangafu; Lukera Batuzi

PART NO.	DESCRIPTION (GRADE)
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ASB-00001522	ALIZARIN (RG)
ASB-00016790	PHYSCION (SH)
ASB-00016445	PURPURIN (RG)
ASB-00018395	RUBIADIN (RG)

Magnolia

Botanical Name: *Magnolia spp.*
Other Name: Magnolia; Chinese Magnolia; Hou Po

PART NO.	DESCRIPTION (GRADE)
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ASB-00008330	HONOKIOL (P)
ASB-00013030	MAGNOLOL (SH)

Magnolia officinalis

Botanical Name: *Magnolia officinalis*
Other Name: Magnolia; Chinese Magnolia; Hou Po

PART NO.	DESCRIPTION (GRADE)
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ASB-00008330	HONOKIOL (P)
ASB-00013030	MAGNOLOL (SH)

Product Selection

Malabar Plum

Botanical Name: *Syzygium jambos* (Syn. *Eugenia jambos*)
Other Name: Malabar Plum; Rose-Apple; Malay Apple; Jambu; Pomme Rose

PART NO.	DESCRIPTION (GRADE)
ASB-00002355	BORNEOL, (+)- (SG)
ASB-00007150	GERANIOL (SG)

Mallotus

Botanical Name: *Mallotus japonicus*
Other Name: Mallotus; Food-Wrapper Plant

PART NO.	DESCRIPTION (GRADE)
ASB-00018430	RUTIN (AHP)

Mango

Botanical Name: *Mangifera indica*
Other Name: Mango; Manga; Manja; Mangot; Manguier

PART NO.	DESCRIPTION (GRADE)
ASB-00013092	MANGIFERIN (P)

Mangosteen

Botanical Name: *Garcinia mangostana*
Other Name: Mangosteen; Manggis; Mangostan; Mangotaniier; Mangostao

PART NO.	DESCRIPTION (GRADE)
ASB-00004238	DESOXYGARTANIN, 8- (P)
ASB-00007049	GARTANIN (P)
ASB-00008369	HYDROXYCALABAXANTHONE, 9- (P)
ASB-00009310	ISOMANGOSTIN, 3- (P)
ASB-00013093	MANGOSTEEN FRUIT RINDS (VBRM)
KIT-00013094	MANGOSTEEN HPLC ANALYSIS KIT
KIT-00013093	MANGOSTEEN STANDARDS KIT
ASB-00013096	MANGOSTIN, ALPHA- (P)
ASB-00013097	MANGOSTIN, BETA- (P)

Marbled Dragon

Botanical Name: *Hedera nepalensis*
Other Name: Marbled Dragon; Nepal Ivy; Himalayan Ivy

PART NO.	DESCRIPTION (GRADE)
ASB-00008067	hederagenin (RG)
ASB-00015303	OLEANOLIC ACID (P)

Marigold

Botanical Name: *Calendula officinalis*
Other Name: Pot Marigold; Scotch-Marigold; Calendula; English Marigold

PART NO.	DESCRIPTION (GRADE)
ASB-00001530	ALLANTOIN (SH)
ASB-00009505	ISOQUERCETIN (P)
ASB-00009520	ISORHAMNETIN (P)
ASB-00012453	LUTEIN (P)
ASB-00012550	LYCOPENE (P)
ASB-00015303	OLEANOLIC ACID (P)
ASB-00017030	QUERCETIN (AHP)
ASB-00018430	RUTIN (AHP)

Maritime Pine

Botanical Name: *Pinus pinaster*
Other Name: Maritime Pine; Cluster Pine; Ponderosa Pine;

PART NO.	DESCRIPTION (GRADE)
ASB-00020065	TAXIFOLIN (P)

Mastic Thyme

Botanical Name: *Thymus mastichina*
Other Name: Mastic Thyme; Marjoram

PART NO.	DESCRIPTION (GRADE)
ASB-00002356	BORNEOL, (-)- (SG)
ASB-00005375	EUCALYPTOL (SG)
ASB-00012235	LINALYL ACETATE

Matico

Botanical Name: *Piper aduncum* (Syn. *Piper elongatum*)
Other Name: Matico; Matico-leaves; Matico Ground; Spiked Pepper

PART NO.	DESCRIPTION (GRADE)
ASB-00011016	ASARONE, ALPHA- (SG)
ASB-00011017	ASARONE, BETA- (SG)
ASB-00005375	EUCALYPTOL (SG)

Mayten Tree

Botanical Name: *Maytenus boaria*
Other Name: Mayten Tree; Mayten

PART NO.	DESCRIPTION (GRADE)
CALL	DULCITOL
ASB-00015303	OLEANOLIC ACID (P)

Meadowsweet

Botanical Name: *Filipendula ulmaria*
Other Name: Queen of the Meadow; Meadowsweet

PART NO.	DESCRIPTION (GRADE)
ASB-00005071	ELLAGIC ACID (P)
ASB-00007040	GALLIC ACID (P)
ASB-00008916	HYPEROSIDE (P)
ASB-00017030	QUERCETIN (AHP)
ASB-00018430	RUTIN (AHP)
ASB-00019345	SPIRAEOSIDE (RG)

Melamine Adulteration

Botanical Name:
Other Name: Melamine Adulteration

PART NO.	DESCRIPTION (GRADE)
ASB-00001659	AMMELIDE (P)
ASB-00001657	AMMELINE (P)
ASB-00003958	CYANURIC ACID (P)
ASB-00013163	MELAMINE (P)

Product Selection

Mexican Oregano

Botanical Name: *Lippia graveolens*
Other Name: Mexican Oregano; Mexican-sage

PART NO.	DESCRIPTION (GRADE)
ASB-00005375	EUCALYPTOL (SG)
ASB-00014205	NARINGENIN (P)
ASB-00020295	THYMOL (SG)

Mexican Sunflower

Botanical Name: *Tithonia rotundifolia*
Other Name: Mexican Sunflower; Clavel De Muerto; Red-Sunflower

PART NO.	DESCRIPTION (GRADE)
CALL	ROTUNDIN

Mexican Tea

Botanical Name: *Dysphania ambrosioides* (Syn. *Chenopodium ambrosioides*)
Other Name: Mexican Tea; Epazote; Wormseed; Jesuit's Tea

PART NO.	DESCRIPTION (GRADE)
CALL	ASCARIDOLE
ASB-00020295	THYMOL (SG)

Milk Thistle

Botanical Name: *Silybum marianum*
Other Name: Blessed Milkthistle; (Holy, Mary, Spotted, Marian, or Variegated) Thistle; Mediterranean

PART NO.	DESCRIPTION (GRADE)
ASB-00001900	APIGENIN (P)
ASB-00009255	ISOFRAXIDINE (RG)
CALL	ISOSILYBININ
ASB-00030401	MILK THISTLE SEED BRM
ASB-00030402	MILK THISTLE SEED XRM
KIT-00013880	MILK THISTLE STANDARDS KIT
ASB-00014205	NARINGENIN (P)
ASB-00017030	QUERCETIN (AHP)
ASB-00019225	SILYBIN (A and B) (P)
ASB-00019240	SILYCHRISTIN (P)
ASB-00019245	SILYDIANIN (P)
ASB-00020065	TAXIFOLIN (P)

Mint-Geranium

Botanical Name: *Tanacetum balsamita*
Other Name: Costmary; Alecost; Mint-Geranium

PART NO.	DESCRIPTION (GRADE)
ASB-00002355	BORNEOL, (+)- (SG)
ASB-00002357	BORNYL ACETATE (SG)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00005375	EUCALYPTOL (SG)
ASB-00006005	FERULIC ACID (SH)
ASB-00012500	LUTEOLIN 7-GLUCOSIDE (P)
ASB-00012461	LUTEOLIN (P)
ASB-00016306	PROTocatechuic Acid (P)
ASB-00019091	SCOPOLETIN (SH)

Mistletoe

Botanical Name: *Viscum album*
Other Name: European Mistletoe; Birdlime Mistletoe; European Mistletoe Variety; Mistletoe

PART NO.	DESCRIPTION (GRADE)
ASB-00002245	BETULINIC ACID (P)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00005065	ELEUTHEROSIDE E (P)
ASB-00006005	FERULIC ACID (SH)
ASB-00009520	ISORHAMNETIN (P)
ASB-00015303	OLEANOLIC ACID (P)
ASB-00016306	PROTocatechuic Acid (P)
ASB-00017030	QUERCETIN (AHP)
ASB-00019025	SAKURANETIN (SH)
ASB-00022306	VANILLIC ACID (RG)

Monnier's Snowparsley

Botanical Name: *Cnidium monnieri*
Other Name: Monnier's Snowparsley; She Chuang Zi; She Chuang

PART NO.	DESCRIPTION (GRADE)
ASB-00015420	OSTHOLE (P)

Mountain Germander

Botanical Name: *Teucrium montanum*
Other Name: Mountain Germander

PART NO.	DESCRIPTION (GRADE)
CALL	HARPAGIDE
ASB-00012461	LUTEOLIN (P)

Multiflora Rose

Botanical Name: *Rosa multiflora*
Other Name: (Multiflora, Baby, Japanese, Seven-sisters, Rampler, or Multiflowered) Rose

PART NO.	DESCRIPTION (GRADE)
ASB-00009505	ISOQUERCETIN (P)
ASB-00017170	QUERCITRIN (SH)

Muscadine Grape

Botanical Name: *Vitis rotundifolia*
Other Name: Muscadine; Muscadine Grape; Bullace; Scuppermong; Southern Fox Grape; Bullace

PART NO.	DESCRIPTION (GRADE)
ASB-00013076	MALVIN CHLORIDE (MALVIDIN-3,5-DIGLUCOSIDE) (SH)

Musk Deer

Botanical Name: *Moschus moschiferus*
Other Name: Musk Deer; Musk; Tonquin Musk; Deer Musk

PART NO.	DESCRIPTION (GRADE)
CALL	MUSCONE

Product Selection

Musk Rose

Botanical Name: *Rosa moschata*
Other Name: Musk Rose; Himalayan Musk Rose; Rose

PART NO.	DESCRIPTION (GRADE)
ASB-00008916	HYPEROSIDE (P)
ASB-00009505	ISOQUERCETIN (P)
ASB-00011020	KAEMPFEROL (AHP)
ASB-00017170	QUERCITRIN (SH)
ASB-00020306	TILIROSIDE (P)

Mycotoxins

Botanical Name:
Other Name:

PART NO.	DESCRIPTION (GRADE)
ASB-00001480	AFLATOXIN B1 (RG)
ASB-00001485	AFLATOXIN B2 (RG)
ASB-00001487	AFLATOXIN G1 (RG)
ASB-00001488	AFLATOXIN G2 (RG)
ASB-00006305	FUMONISIN B1 (RG)
ASB-00006306	FUMONISIN B2 (RG)
ASB-00015030	OCHRATOXIN A (RG)
ASB-00016085	PATULIN (RG)
ASB-00026010	ZEARALENONE (RG)

Myrobalan

Botanical Name: *Terminalia bellirica*
Other Name: Myrobalan; Hardad; Chebulic Myrobalan

PART NO.	DESCRIPTION (GRADE)
ASB-00005071	ELLAGIC ACID (P)

Narrowleaf Lupine

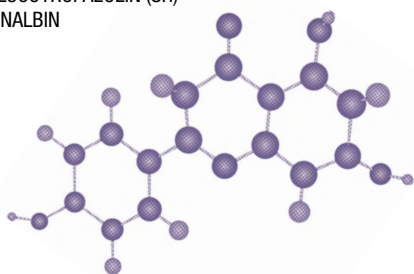
Botanical Name: *Lupinus angustifolius*
Other Name: Narrowleaf Lupine; Blue Lupin; European Blue Lupine; Sweet Lupinseed

PART NO.	DESCRIPTION (GRADE)
ASB-00007082	GENISTEIN (AHP)
CALL	SPARTEINE, (-)-

Nasturtium

Botanical Name: *Tropaeolum majus*
Other Name: Nasturtium; Nose-Twister; Nose-Tweaker; Garden Nasturtium; Indian Cress

PART NO.	DESCRIPTION (GRADE)
CALL	DESULFOGLUCOTROPAEOLIN
CALL	DESULFOSINALBIN
ASB-00007300	GLUCOTROPAEOLIN (SH)
CALL	SINALBIN



Needle Bush

Botanical Name: *Acacia farnesiana*
Other Name: Needle Bush

PART NO.	DESCRIPTION (GRADE)
ASB-00009505	ISOQUERCETIN (P)
ASB-00012500	LUTEOLIN 7-GLUCOSIDE (P)
ASB-00018430	RUTIN (AHP)
ASB-00019345	SPIRAEOSIDE (RG)

Neem

Botanical Name: *Azadirachta indica*
Other Name: Indian Lilac; Lilac; Margosa; Maragosa Tree; Margosier; Neem; Nim; Neem Chal

PART NO.	DESCRIPTION (GRADE)
ASB-00011110	AZADIRACTIN A (P)

Neem

Botanical Name: *Azadirachta spp.*
Other Name: Neem

PART NO.	DESCRIPTION (GRADE)
ASB-00011110	AZADIRACTIN A (P)
ASB-00011111	AZADIRACTIN B (P)
ASB-00004074	DEACETYLSALANNIN (P)
CALL	NEEM AZADIRACTINS STANDARDS KIT
CALL	NEEM HPLC ANALYSIS KIT
ASB-00019028	SALANNIN (P)

Negundo Chastetree

Botanical Name: *Vitex negundo*
Other Name: Negundo Chastetree; Chaste Tree; Huang Ping; Gattilier Inoise; Huang Ching

PART NO.	DESCRIPTION (GRADE)
ASB-00003272	CASTICIN (P)

Noni

Botanical Name: *Morinda citrifolia*
Other Name: Noni; Indian; Mulberry; Wild Pine; Great Morinda; Cheezefruit

PART NO.	DESCRIPTION (GRADE)
CALL	LUCIDIN
ASB-00018395	RUBIADIN (RG)

Norway Spruce

Botanical Name: *Picea abies*
Other Name: Norway Spruce

PART NO.	DESCRIPTION (GRADE)
ASB-00016865	PINORESINOL DIGLUCOSIDE (P)

Product Selection

Ogon

Botanical Name: Acorus gramineus

Other Name: Ogon; Sweet Flag-Variiegated; Japanese Sweet Flag; Dwarf Sedge; Japanese Rush

PART NO.	DESCRIPTION (GRADE)
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ASB-00011016	ASARONE, ALPHA- (SG)
ASB-00011017	ASARONE, BETA- (SG)
CALL	METHYLEUGENOL

Old Man's Beard

Botanical Name: Usnea barbata

Other Name: Old Man's Beard; Extract of Lichen; Lichen Extract

PART NO.	DESCRIPTION (GRADE)
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ASB-00021800	USNIC ACID, (+)- (RG)
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Oleander

Botanical Name: Nerium oleander

Other Name: Oleander; ("Pink"); Double Pink Oleander; ("Yellow"); Double Yellow Oleander

PART NO.	DESCRIPTION (GRADE)
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ASB-00001471	ADYNERIN (P)
ASB-00002237	BETULIN (RG)
ASB-00015290	OLEANDRIN (P)
ASB-00015292	OLEASIDE A (P)
ASB-00018430	RUTIN (AHP)

Olive

Botanical Name: Olea europaea

Other Name: Olive; Aceituna; African Olive; Wild Olive; Indian Olive; Zeitun Bari

PART NO.	DESCRIPTION (GRADE)
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ASB-00001900	APIGENIN (P)
ASB-00003830	APIGENIN-7-GLUCOSIDE (COSMOSIIN) (P)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003655	CINNAMIC ACID, TRANS- (SG)
ASB-00003838	COUMARIC ACID, P- (RG)
CALL	ELENOLIC ACID 2-O-GLUCOSIDE
ASB-00005259	ESCULIN (ESCULETIN-6-GLUCOSIDE) (P)
ASB-00006005	FERULIC ACID (SH)
ASB-00008728	HYDROXYTYROSOL (P)
ASB-00011020	KAEMPFEROL (AHP)
ASB-00012500	LUTEOLIN 7-GLUCOSIDE (P)
ASB-00012461	LUTEOLIN (P)
CALL	METHYL LAURATE
ASB-00015303	OLEANOLIC ACID (P)
ASB-00015310	OLEUROPEIN (P)
ASB-00016306	PROTocatechuic acid (P)
ASB-00017030	QUERCETIN (AHP)
ASB-00017170	QUERCITRIN (SH)
ASB-00018430	RUTIN (AHP)
ASB-00019091	SCOPOLETIN (SH)
ASB-00022306	VANILLIC ACID (RG)
ASB-00022390	VERBASCOSIDE (P)

Orange Mullein

Botanical Name: Verbascum phlomoides

Other Name: Woolly Mullein; Orange Mullein; Claspng-Leaf Mullein

PART NO.	DESCRIPTION (GRADE)
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ASB-00001900	APIGENIN (P)
ASB-00003830	APIGENIN-7-GLUCOSIDE (COSMOSIIN) (P)
ASB-00011086	AUCUBIN (SH)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003274	CATALPOL (SH)
ASB-00003838	COUMARIC ACID, P- (RG)
ASB-00006005	FERULIC ACID (SH)
ASB-00008135	HESPERIDIN (P)
ASB-00011020	KAEMPFEROL (AHP)
ASB-00012500	LUTEOLIN 7-GLUCOSIDE (P)
ASB-00012461	LUTEOLIN (P)
ASB-00016306	PROTocatechuic acid (P)
ASB-00017030	QUERCETIN (AHP)
ASB-00018430	RUTIN (AHP)
ASB-00022306	VANILLIC ACID (RG)

Oriental Sesame

Botanical Name: Sesamum indicum (Syn. Sesamum orientale)

Other Name: Sesame; Beni; Beniseed; Benneseed; Ahonholi; Oriental Sesame

PART NO.	DESCRIPTION (GRADE)
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ASB-000038381	COUMARIC ACID, P- (RG)
ASB-00006005	FERULIC ACID (SH)
CALL	METHYL LAURATE
ASB-00016306	PROTocatechuic acid (P)
ASB-00019194	SESAMIN (P)
ASB-00022306	VANILLIC ACID (RG)
ASB-00022390	VERBASCOSIDE (P)

Oriental Stephania

Botanical Name: Stephania cepharantha

Other Name: Oriental Stephania; Radix Stephaniae; Cepharanthae

PART NO.	DESCRIPTION (GRADE)
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ASB-00019280	SINOMENINE HCL
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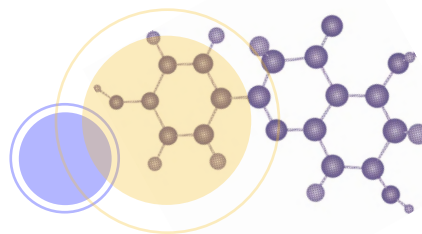
Oxlip

Botanical Name: Primula elatior

Other Name: Oxlip; Paigles; Tall Cowslip

PART NO.	DESCRIPTION (GRADE)
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ASB-00016211	PRIMULAVERIN (P)
CALL	PRIMULIC ACID I
CALL	PRIMULIC ACID II
ASB-00016212	PRIMVERIN (P)



Product Selection

Pacific Yew

Botanical Name: *Taxus brevifolia*
Other Name: Pacific Yew; Western Yew; Mountain Mahogany; Yew Brush; Yew

PART NO.	DESCRIPTION (GRADE)
ASB-00002004	BACCATIN III (P)
ASB-00004065	DEACETYLBACCATIN-III, 10 (P)
ASB-00020070	TAXOL C (P)

Pale St. Johns Wort

Botanical Name: *Hypericum montanum*
Other Name: Mountain St. Johns Wort

PART NO.	DESCRIPTION (GRADE)
CALL	BIAPIGENIN, I3,II8 -

Papaya

Botanical Name: *Carola papaya*
Other Name: Papaya (Fruit)

PART NO.	DESCRIPTION (GRADE)
CALL	DESULFOGLUCOTROPAEOLIN
ASB-00007300	GLUCOTROPAEOLIN (SH)

Paradise Plant

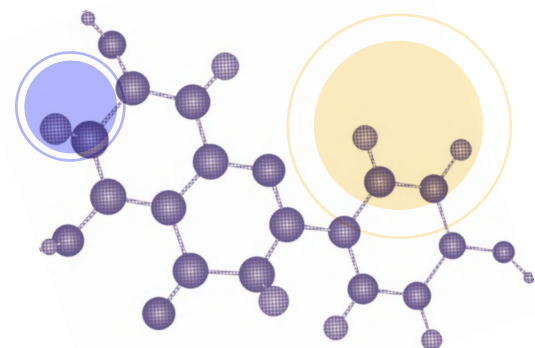
Botanical Name: *Daphne mezereum*
Other Name: Paradise Plant; Mezereon

PART NO.	DESCRIPTION (GRADE)
ASB-00004026	DAPHNETIN
ASB-00016865	PINORESINOL DIGLUCOSIDE (P)

Parsley

Botanical Name: *Petroselinum crispum*
Other Name: Parsley; Perejil; Italian Parsley; Hamburg Parsley; Turnip-Rooted Parsley

PART NO.	DESCRIPTION (GRADE)
ASB-00003830	APIGENIN-7-GLUCOSIDE (COSMOSIIN) (P)
ASB-00001930	APIIN (P)
ASB-00009070	IMPERATORIN (P)
ASB-00012180	LIGUSTILIDE, Z- (AHP)
ASB-00012453	LUTEIN (P)
ASB-00016365	PSORALEN (SH)



Passion Flower

Botanical Name: *Passiflora incarnata*
Other Name: Purple or Maypop Passionflower; Maracuja; Passionflower; Maypop; Apricot-vine

PART NO.	DESCRIPTION (GRADE)
ASB-00001900	APIGENIN (P)
ASB-00008320	HOMOORIENTIN (ISOORIENTIN) (SH)
ASB-00008916	HYPEROSIDE (P)
ASB-00009635	ISOVITEXIN (SH)
ASB-00011020	KAEMPFEROL (AHP)
ASB-00015380	ORIENTIN (P)
KIT-00016081	PASSIONFLOWER STANDARDS KIT
ASB-00017030	QUERCETIN (AHP)
ASB-00019091	SCOPOLETIN (SH)
ASB-00022850	VITEXIN (P)

Patchouli-Plant

Botanical Name: *Pogostemon cablin*
Other Name: Patchouli-Plant; Patchouly

PART NO.	DESCRIPTION (GRADE)
CALL	PATCHOULI ALCOHOL

Pau D' Arco

Botanical Name: *Tabebuia impetiginosa*
Other Name: Pink Lpê; Lpê-Roxo; Paud'arco-Roxo; Lpê-Roxo-Damata

PART NO.	DESCRIPTION (GRADE)
CALL	DELPHINIDIN-3,5-DIGLUCOSIDE
ASB-00004127	DELPHINIDIN-3-O-GLUCOSIDE CHLORIDE (RG)
ASB-00011605	KUROMANIN CHLORIDE (CYANIDIN-3-GLUCOSIDE) (SH)
ASB-00012065	LAPACHOL
ASB-00017030	QUERCETIN (AHP)
ASB-00022306	VANILLIC ACID (RG)

Pearl Lupin

Botanical Name: *Lupinus mutabilis*
Other Name: Pearl Lupin; Andean Lupine; Tarhui; Tarwi; Pink Ipe; Pink Lapacho

PART NO.	DESCRIPTION (GRADE)
CALL	SPARTEINE, (-)-

Pepper Cress

Botanical Name: *Lepidium sativum*
Other Name: Garden Cress Pepperweed; Pepper Cress; Pepperwort

PART NO.	DESCRIPTION (GRADE)
CALL	DESULFOGLUCONASTRUTIIN
CALL	DESULFOGLUCOTROPAEOLIN
CALL	DESULFOSINALBIN
CALL	DESULFOSINIGRIN
CALL	GLUCONASTURTIIN
ASB-00007300	GLUCOTROPAEOLIN (SH)
CALL	SINALBIN
ASB-00019271	SINIGRIN (SH)

Product Selection

Peppermint

Botanical Name: *Mentha piperita*
Other Name: Peppermint; Chocolate Mint; Mint; Mentha Montana

PART NO.	DESCRIPTION (GRADE)
ASB-00003830	APIGENIN-7-GLUCOSIDE (COSMOSIIN) (P)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003838	COUMARIC ACID, P- (RG)
ASB-00005170	ERIOCITRIN (SH)
ASB-00005375	EUCALYPTOL (SG)
ASB-00006005	FERULIC ACID (SH)
ASB-00012461	LUTEOLIN (P)
ASB-00013962	MENTHOL, (-)- (P)
ASB-00018370	ROSMARINIC ACID (P)

Periwinkle

Botanical Name: *Vinca spp.*
Other Name: Periwinkle

PART NO.	DESCRIPTION (GRADE)
ASB-00005005	EBURNAMONINE, (-)- (RG)
ASB-00019105	SECOLOGANIN (RG)
ASB-00019190	SERPENTINE HYDROGEN TARTRATE (RG)
CALL	STRICTOSIDINE
CALL	TABERSONINE CHLORIDE
ASB-00022518	VINBLASTINE SULFATE (RG)
ASB-00022520	VINCRISTINE SULFATE (RG)
ASB-00022526	VINDesine SULFATE (RG)
ASB-00022527	VINDOLINE (RG)
ASB-00022529	VINOELBINE (RG)

Perry's Aloe

Botanical Name: *Aloe pernyi*
Other Name: Perry's Aloe; Aloe Vera

PART NO.	DESCRIPTION (GRADE)
ASB-00001611	ALOE EMODIN (SH)
ASB-00001625	ALOIN A (BARBALOIN) (P)

Picrorhiza

Botanical Name: *Picrorhiza kurroa*
Other Name: Picrorhiza; Kutki; Katuka

PART NO.	DESCRIPTION (GRADE)
ASB-00003274	CATALPOL (SH)
ASB-00016819	PICROSIDE I (SH)
ASB-00016820	PICROSIDE II (SH)
ASB-00022306	VANILLIC ACID (RG)

Pink Trumpet-Tree

Botanical Name: *Tecoma pentaphylla*
Other Name: Pink Manjack; Pink Trumpet-Tree; White-Cedar; Whitewood

PART NO.	DESCRIPTION (GRADE)
ASB-00012065	LAPACHOL

Plantain

Botanical Name: *Plantago major*
Other Name: Plantain; (Common Greater Broadleaf Buckhorn, or Rippleseed) Plantain; Rats Tails

PART NO.	DESCRIPTION (GRADE)
ASB-00011085	AUCUBIN (P)
ASB-00002015	BAICALEIN (P)
ASB-00002030	BAICALIN (P)
ASB-00003274	CATALPOL (SH)
ASB-00003450	CHLOROGENIC ACID (AHP)

Plum Yew

Botanical Name: *Cephalotaxus spp.*
Other Name: Plum Yew; Cowtail Pine

PART NO.	DESCRIPTION (GRADE)
KIT-00003364	CEPHALOTAXUS ALKALOID STANDARDS KIT (P)
ASB-00008060	HARRINGTONINE (P)
ASB-00008315	HOMOHARRINGTONINE (P)

Pomegranate

Botanical Name: *Punica granatum*
Other Name: Pomegranate

PART NO.	DESCRIPTION (GRADE)
CALL	POMEGRANATE HPLC ANALYSIS KIT
ASB-00016983	PUNICALAGINS A&B MIX (P)
ASB-00022727	VITAMIN B5 (PANTOTHENATE) (SH)

Ponderosa Pine

Botanical Name: *Pinus ponderosa*
Other Name: Ponderosa Pine; (Yellow, Western Yellow, Blackjack, Bull or Rock) Pine; Pinabete

PART NO.	DESCRIPTION (GRADE)
ASB-00020065	TAXIFOLIN (P)

Portuguese Broom

Botanical Name: *Chamaecytisus albus*
Other Name: Portuguese Broom; White Broom

PART NO.	DESCRIPTION (GRADE)
CALL	SPARTEINE, (-)-

Potato Bush

Botanical Name: *Phyllanthus reticulatus*
Other Name: Potato Bush; Reticulated Leaf-flower

PART NO.	DESCRIPTION (GRADE)
ASB-00002235	BETULIN (P)
ASB-00002245	BETULINIC ACID (P)

Product Selection

Prickly-Ash

Botanical Name: *Zanthoxylum chalybeum*
Other Name: Knob Wood; Kundanyoka Knobwood; Prickly-Ash

PART NO.	DESCRIPTION (GRADE)
ASB-00002201	BERBERINE CHLORIDE (AHP)
CALL	GERMANACRONE
ASB-00010150	JATRORRHIZINE HCL (RG)
ASB-00012391	LUPEOL (SH)
ASB-00019194	SESAMIN (P)

Propolis

Botanical Name:
Other Name: Propolis

PART NO.	DESCRIPTION (GRADE)
ASB-00003026	CAFFEIC ACID PHENETHYL ESTER (CAPE) (RG)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00008415	HYDROXY-2-DECENOIC ACID, (E)-10-(10-HDA) (SH)

Prostrate Knotweed

Botanical Name: *Polygonum aviculare*
Other Name: Prostrate Knotweed; Prostrate; Common Knotgrass; Matgrass; Doorweed; Pinkweed

PART NO.	DESCRIPTION (GRADE)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003310	CATECHIN, (+)- (AHP)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00003838	COUMARIC ACID, P- (RG)
ASB-00007040	GALLIC ACID (P)
ASB-00008916	HYPEROSIDE (P)
ASB-00009630	ISOVITEXIN (P)
ASB-00012461	LUTEOLIN (P)
ASB-00017170	QUERCITRIN (SH)
ASB-00019091	SCOPOLETIN (SH)
ASB-00022850	VITEXIN (P)

Provence Rose

Botanical Name: *Rosa x centifolia*
Other Name: Provence Rose; Cabbage Rose; Hundred-Leaved Rose

PART NO.	DESCRIPTION (GRADE)
ASB-00011055	ASTRAGALIN (KAEMPFEROL-3-GLUCOSIDE) (P)
ASB-00003931	CYANIDIN-3,5-DIGLUCOSIDE (SH)
ASB-00009505	ISOQUERCETIN (P)
ASB-00018430	RUTIN (AHP)

Psyllium

Botanical Name: *Plantago lanceolata*
Other Name: Plantation; (Narrowleaf, Buckhorn, English, Ribwort, Snake, Black, or Long) Plantain

PART NO.	DESCRIPTION (GRADE)
ASB-00003830	APIGENIN-7-GLUCOSIDE (COSMOSIIN) (P)
ASB-00011086	AUCUBIN (SH)
ASB-00003274	CATALPOL (SH)
ASB-00003450	CHLOROGENIC ACID (AHP)
CALL	LUTEOLIN 7,3'-DI-O-GLUCURONIDE
ASB-00022390	VERBASCOSIDE (P)

Pubescent Angelica

Botanical Name: *Angelica pubescens*
Other Name: Du Huo; Pubescent Angelica; Shishiudo

PART NO.	DESCRIPTION (GRADE)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00009070	IMPERATORIN (P)
ASB-00009526	ISOIMPERATORIN (P)
ASB-00015420	OSTHOLE (P)
ASB-00019091	SCOPOLETIN (SH)

Pummelo

Botanical Name: *Citrus grandis*
Other Name: Pummelo; Chinese Grapefruit

PART NO.	DESCRIPTION (GRADE)
ASB-00005170	ERIOCTRIN (SH)
ASB-00014221	NARINGIN (SH)
ASB-00014250	NEOHESPERIDIN (SH)

Pygeum

Botanical Name: *Pygeum africanum*
Other Name: African Plum Tree

PART NO.	DESCRIPTION (GRADE)
ASB-00003783	COROSOLIC ACID (P)
ASB-00003852	CRATEGOLIC ACID
ASB-00004981	DOCOSANOL, n- (P)
ASB-00006240	FRIEDELIN (P)
ASB-00015303	OLEANOLIC ACID (P)
ASB-00016985	PYGENIC ACID A (P)
ASB-00016986	PYGENIC ACID B (P)
ASB-00016987	PYGENIC ACID C (P)
KIT-00016997	PYGEUM STANDARDS KIT
ASB-00019285	SITOSTEROL, B- (AHP)
ASB-00019291	SITOSTEROL-3-O-GLUCOSIDE, BETA- (P)
ASB-00019284	SITOSTERONE, BETA- (P)
ASB-00020151	TETRACOSANOL, 1- (P)
ASB-00021600	URSOLIC ACID (P)

Pyrethrum

Botanical Name: *Tanacetum cinerariifolium*
Other Name: Dalmation Pellitory; Dalmatian Insect-Flower; Pyrethrum; Painted Daisy; Pelitre; Piretro

PART NO.	DESCRIPTION (GRADE)
ASB-00003830	APIGENIN-7-GLUCOSIDE (COSMOSIIN) (P)
ASB-00012453	LUTEIN (P)
ASB-00012500	LUTEOLIN 7-GLUCOSIDE (P)
ASB-00019194	SESAMIN (P)

Qing Yang Shen

Botanical Name: *Cynanchum otophyllum*
Other Name: Qing Yang Shen

PART NO.	DESCRIPTION (GRADE)
CALL	QINGYANGSHENGENIN

Product Selection

Queen Anne's Lace

Botanical Name: *Daucus carota*
Other Name: Wild Carrot; Bishop's Lace

PART NO.	DESCRIPTION (GRADE)
ASB-00003024	CAFFEIC ACID (AHP)

Quince

Botanical Name: *Cydonia oblonga*
Other Name: Bael; Quince; Apple Wood; Holy Fruit Tree

PART NO.	DESCRIPTION (GRADE)
ASB-00009070	IMPERATORIN (P)

Quitch grass

Botanical Name: *Elytrogia* (Syn. *Agropyron repens*)
Other Name: Quitch grass

PART NO.	DESCRIPTION (GRADE)
ASB-00003838	COUMARIC ACID, P- (RG)

Radish

Botanical Name: *Raphanus sativus*
Other Name: Cultivated Radish; (Garden, Wild, Rat-Tail, or Japanese) Radish; Radish

PART NO.	DESCRIPTION (GRADE)
CALL	DESULFOGLUCONASTRUTIIN
CALL	DESULFOGLUCORAPHANIN
CALL	DESULFOGLUCORAPHANIN
CALL	DESULFOSINALBIN
CALL	DESULFOSINIGRIN
CALL	GLUCONASTURTIIN
CALL	GLUCORAPHANIN
CALL	GLUCORAPHANIN
CALL	SINALBIN
ASB-00019271	SINIGRIN (SH)

Ragwort

Botanical Name: *Senecio vulgaris*
Other Name: (Common or Sticky) Groundsel; Old-Man-in-the-Spring; Ragwort; Grimsel; Simson

PART NO.	DESCRIPTION (GRADE)
ASB-00009505	ISOQUERCETIN (P)
ASB-00018140	RETRORSINE (RG)
ASB-00019135	SENECIONINE (RG)
ASB-00019140	SENECIPHYLLIN (RG)
ASB-00019139	SENKIRKIN (RENARDINE) (RG)

Rattlebox

Botanical Name: *Crotalaria sessiliflora*
Other Name: Rattlebox

PART NO.	DESCRIPTION (GRADE)
ASB-00013891	MONOCROTALIN (CROTALIN) (RG)

Rauwolfia

Botanical Name: *Rauwolfia serpentina*
Other Name: Snakeroot

PART NO.	DESCRIPTION (GRADE)
ASB-00001491	AJMALICINE (RG)
ASB-00001495	AJMALINE (RG)
ASB-00003812	CORYNANTHINE (RAUHIMBINE) (RG)
KIT-00001499-	RAUWOLFIA STANDARDS KIT
ASB-00018050	RESCINNAMINE (RG)
ASB-00018041	RESERPIC ACID HCL (RG)
ASB-00018040	RESERPINE (RG)
ASB-00025512	YOHIMBINE HCL, ALPHA- (RAUWOLSCINE HCL) (RG)

Red Clover

Botanical Name: *Trifolium pratense*
Other Name: Red Clover; Peavine Clover; Purple Clover

PART NO.	DESCRIPTION (GRADE)
ASB-00002277	BIOCHANIN A (AHP)
ASB-00002286	BIOCHANIN A-7-O-GLUCOSIDE (SISSOTRIN) (SH)
ASB-00004007	DAIDZEIN (AHP)
ASB-00004015	DAIDZIN (SH)
ASB-00006192	FORMONONETIN (AHP)
ASB-00007082	GENISTEIN (AHP)
ASB-00007095	GENISTIN (P)
ASB-00009163	IRILONE (P)
ASB-00015371	ONONIN (SH)
KIT-00018054	RED CLOVER STANDARDS KIT

Red Horsechestnut

Botanical Name: *Aesculus carnea*
Other Name: Red Horsechestnut

PART NO.	DESCRIPTION (GRADE)
ASB-00005259	ESCULIN (ESCULETIN-6-GLUCOSIDE) (P)

Red Kamala

Botanical Name: *Mallotus philippinesis*
Other Name: Red Kamala; Kamala Tree; Kameela; Kampillaka

PART NO.	DESCRIPTION (GRADE)
ASB-00002230	BERGENIN (P)
ASB-00012391	LUPEOL (SH)
ASB-00018380	ROTTLERIN

Redstem Wormwood

Botanical Name: *Artemisia scoparia*
Other Name: Redstem Wormwood

PART NO.	DESCRIPTION (GRADE)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00005375	EUCALYPTOL (SG)
ASB-00019086	SCOPARONE (RG)
ASB-00019091	SCOPOLETIN (SH)
ASB-00020287	THUJONE, ALPHA- (SH)

Product Selection

Reishi Mushroom

Botanical Name: *Ganoderma lucidum*
Other Name: Ling Chih; Reishi Mushroom; Reishi; Ling Zhi

PART NO.	DESCRIPTION (GRADE)
ASB-00007057	GANODERIC ACID A (SH)
CALL	GANODERIC ACID B
ASB-00007058	GANODERIC ACID C2
ASB-00007068	GANODERIC ACID F (SH)
ASB-00007063	GANODERIC ACID H (SH)
ASB-00007060	GANODERMATRIOL (P)
KIT-00018036	REISHI MUSHROOM HPLC ANALYSIS KIT
KIT-00018035	REISHI MUSHROOM STANDARDS KIT
KIT-00018035	REISHI MUSHROOM STANDARDS KIT

Restharro

Botanical Name: *Ononis spinosa*
Other Name: Restharro; Spiny Restharrow

PART NO.	DESCRIPTION (GRADE)
ASB-00001900	APIGENIN (P)
ASB-00003830	APIGENIN-7-GLUCOSIDE (COSMOSIIN) (P)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003655	CINNAMIC ACID, TRANS- (SG)
ASB-00003838	COUMARIC ACID, P- (RG)
ASB-00006005	FERULIC ACID (SH)
ASB-00006192	FORMONONETIN (AHP)
ASB-00007040	GALLIC ACID (P)
ASB-00007082	GENISTEIN (AHP)
ASB-00008916	HYPEROSIDE (P)
ASB-00011020	KAEMPFEROL (AHP)
ASB-00012500	LUTEOLIN 7-GLUCOSIDE (P)
ASB-00012461	LUTEOLIN (P)
ASB-00016306	PROTocatechuic Acid (P)
ASB-00017030	QUERCETIN (AHP)
ASB-00017170	QUERCITRIN (SH)
ASB-00018430	RUTIN (AHP)
ASB-00022850	VITEXIN (P)

Rhododendron

Botanical Name: *Rhododendron ponticum*
Other Name: Rhododendron; Common Rhododendron; Pontian Rhododendron; Pontic Rhododendron

PART NO.	DESCRIPTION (GRADE)
ASB-00013076	MALVIN CHLORIDE (MALVIDIN-3,5-DIGLUCOSIDE) (SH)
ASB-00013921	MYRICETIN (CANNABISCETIN) (P)

Rhubarb

Botanical Name: *Rheum officinale*
Other Name: Rhubarb

PART NO.	DESCRIPTION (GRADE)
ASB-00001611	ALOE EMODIN (SH)
ASB-00016790	PHYSCION (SH)
ASB-00018230	RHEIN (SH)
ASB-00019156	SENNOSIDE A (SH)
ASB-00019161	SENNOSIDE B (SH)

Rhubarb

Botanical Name: *Rheum rhaponticum*
Other Name: Rhubarb; Pie-Plant

PART NO.	DESCRIPTION (GRADE)
ASB-00001610	ALOE EMODIN (P)
ASB-00003635	CHRYSOPHANOL (SH)
ASB-00005091	EMODIN (P)
ASB-00009505	ISOQUERCETIN (P)
ASB-00011605	KUROMANIN CHLORIDE (CYANIDIN-3-GLUCOSIDE) (SH)
ASB-00016790	PHYSCION (SH)
ASB-00017170	QUERCITRIN (SH)
ASB-00018220	RHAPONTICIN (RG)
ASB-00018430	RUTIN (AHP)

Rhubarb

Botanical Name: *Rheum webbianum*
Other Name: Rhubarb; Xu Mi Da Huang

PART NO.	DESCRIPTION (GRADE)
ASB-00003635	CHRYSOPHANOL (SH)
ASB-00005091	EMODIN (P)

Rhynchophylla

Botanical Name: *Uncaria rhynchophylla*
Other Name: Gou Teng; Cat's Claw

PART NO.	DESCRIPTION (GRADE)
ASB-00005125	EPICATECHIN, (-)- (AHP)
ASB-00008916	HYPEROSIDE (P)

Robert Geranium

Botanical Name: *Geranium robertianum*
Other Name: Robert Geranium; Herb Robert; Stinky Bob; Red Robin

PART NO.	DESCRIPTION (GRADE)
ASB-00011055	ASTRAGALIN (KAEMPFEROL-3-GLUCOSIDE) (P)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00005071	ELLAGIC ACID (P)
ASB-00006005	FERULIC ACID (SH)
ASB-00007150	GERANIOL (SG)
ASB-00008916	HYPEROSIDE (P)
ASB-00011020	KAEMPFEROL (AHP)
ASB-00018430	RUTIN (AHP)
ASB-00019345	SPIRAEOSIDE (RG)

Robusta Coffee

Botanical Name: *Coffea canephora*
Other Name: Robusta Coffee; Congo Coffee-Tree

PART NO.	DESCRIPTION (GRADE)
ASB-00003027	CAFFEINE (SH)
ASB-00003450	CHLOROGENIC ACID (AHP)
CALL	METHYLCAFEOSTOL, 16-O-

Product Selection

Rocket

Botanical Name: *Eruca sativa*
Other Name: Rocket; Rocket salad; Arugula; Roquette

PART NO.	DESCRIPTION (GRADE)
CALL	DESULFOGLUCOERUCIN
CALL	GLUCOERUCIN

Rocket Candytuft

Botanical Name: *Iberis amara*
Other Name: Rocket Candytuft; Annual Candytuft

PART NO.	DESCRIPTION (GRADE)
ASB-00003916	CUCURBITACIN B (RG)
CALL	DESULFOGLUCOIBERIN
CALL	DESULFORLUCOCHEIROLIN
CALL	GLUCOCHEIROLIN
CALL	GLUCOIBERIN
CALL	KAEMPFEROL 3,4'-O-BETA-DIGLUCOSIDE-7-O-ALPHA-RHAMNOSIDE

Roman Chamomile

Botanical Name: *Anthemis nobilis* (Syn. *Chamaemelum nobile*)
Other Name: Roman Chamomile; Camomile; Manzanilla; Lawn Chamomile

PART NO.	DESCRIPTION (GRADE)
ASB-00001900	APIGENIN (P)
ASB-00003830	APIGENIN-7-GLUCOSIDE (COSMOSIIN) (P)
ASB-00001930	APIIN (P)
ASB-00002355	BORNEOL, (+)- (SG)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003310	CATECHIN, (+)- (AHP)
ASB-00003383	CHAMAZULENE (RG)
ASB-00006005	FERULIC ACID (SH)
ASB-00011020	KAEMPFEROL (AHP)
ASB-00012500	LUTEOLIN 7-GLUCOSIDE (P)
ASB-00012461	LUTEOLIN (P)
ASB-00019091	SCOPOLETIN (SH)

Rooibos

Botanical Name: *Aspalathus linearis*
Other Name: Red Bush; Rooibos; Red Tea

PART NO.	DESCRIPTION (GRADE)
CALL	ASPALATHIN
ASB-00003630	CHRYSOERIOL (SH)
ASB-00007418	GUAIACOL (P)
ASB-00008320	HOMOORIENTIN (ISOORIENTIN) (SH)
ASB-00008916	HYPEROSIDE (P)
ASB-00009505	ISOQUERCETIN (P)
ASB-00009630	ISOVITEXIN (P)
ASB-00012461	LUTEOLIN (P)
CALL	NOTHOFAGIN
ASB-00015380	ORIENTIN (P)
ASB-00017170	QUERCITRIN (SH)
KIT-00018360	ROOIBOS FLAVONOID STANDARDS KIT
ASB-00030868	ROOIBOS LEAVES (VBRM)
ASB-00018430	RUTIN (AHP)
ASB-00022850	VITEXIN (P)

Rosebay

Botanical Name: *Rhododendrum aureum*
Other Name: Rosebay

PART NO.	DESCRIPTION (GRADE)
ASB-00001976	ARBUTIN (P)
ASB-00015303	OLEANOLIC ACID (P)

Rosehip

Botanical Name: *Rosa canina*
Other Name: Dog Rose; Briar Rose; Dogbrier; Common Briar; Hip-Tree; Wild Briar

PART NO.	DESCRIPTION (GRADE)
ASB-00008916	HYPEROSIDE (P)
ASB-00009505	ISOQUERCETIN (P)
ASB-00011020	KAEMPFEROL (AHP)
ASB-00017170	QUERCITRIN (SH)
ASB-00020306	TILIROSIDE (P)

Roselle

Botanical Name: *Hibiscus sabdariffa*
Other Name: Roselle; Red Sorrel; Jamaica; Rozelle; White Sorrel

PART NO.	DESCRIPTION (GRADE)
CALL	CYANIDIN-3-SAMBUBIOSIDE
CALL	HYDROXYCITRIC ACID, ALLO-

Rosemary

Botanical Name: *Rosmarinus officinalis*
Other Name: Rosemary; White Flowered Rosemary

PART NO.	DESCRIPTION (GRADE)
ASB-00002235	BETULIN (P)
ASB-00002355	BORNEOL, (+)- (SG)
ASB-00002357	BORNYL ACETATE (SG)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003198	CARNOSIC ACID (P)
ASB-00003199	CARNOSOL (P)
ASB-00003838	COUMARIC ACID, P- (RG)
ASB-00005375	EUCALYPTOL (SG)
ASB-00006005	FERULIC ACID (SH)
ASB-00008111	HESPERETIN (P)
ASB-00008135	HESPERIDIN (P)
ASB-00012500	LUTEOLIN 7-GLUCOSIDE (P)
ASB-00012461	LUTEOLIN (P)
ASB-00015303	OLEANOLIC ACID (P)
KIT-00018375	ROSEMARY STANDARDS KIT
ASB-00018370	ROSMARINIC ACID (P)
ASB-00020041	TANSHINONE, CRYPTO (P)
ASB-00022306	VANILLIC ACID (RG)

Roundleaf Chastetree

Botanical Name: *Vitex rotundifolia*
Other Name: Roundleaf Chastetree; Beach Vitex; Chasteberry; Monk's Pepper

PART NO.	DESCRIPTION (GRADE)
ASB-00011150	AGNUSIDE (P)
ASB-00003272	CASTICIN (P)

Product Selection

Roundleaf Dogwood

Botanical Name: *Cornus rugosa*
Other Name: Roundleaf Dogwood; Speckled Dogwood

PART NO.	DESCRIPTION (GRADE)
ASB-00019550	SALIDROSIDE (P)

Royal Paulownia

Botanical Name: *Paulownia tomentosa*
Other Name: Royal Paulownia; Foxglove Tree; Princess Tree; Empress Tree

PART NO.	DESCRIPTION (GRADE)
ASB-00022390	VERBASCOSIDE (P)

Rudraksha

Botanical Name: *Acacia senegal*
Other Name: Rudraksha; Gum Acacia; Gum Arabic Tree; Gum Senegal Tree

PART NO.	DESCRIPTION (GRADE)
ASB-00007040	GALLIC ACID (P)
ASB-00009505	ISOQUERCETIN (P)
ASB-00018430	RUTIN (AHP)

Russian Tarragon

Botanical Name: *Artemisia dracunculoides*
Other Name: Tarragon; Russian Tarragon; Dragon's Wort

PART NO.	DESCRIPTION (GRADE)
CALL	METHOXYCOUMARIN, 7-SCOPARONE (RG)

Rutabaga

Botanical Name: *Brassica napobrassica*
Other Name: Rutabaga; Swede; Yellow Turnip

PART NO.	DESCRIPTION (GRADE)
CALL	DESULFOGLUCONAPIN
CALL	DESULFOGLUCONASTURTIIN
CALL	DESULFOGLUCORAPHANIN
CALL	DESULFOPROGOITRIN
CALL	DESULFOSINALBIN
CALL	DESULFOSINIGRIN
CALL	GLUCONAPIN
CALL	GLUCONASTURTIIN
CALL	GLUCORAPHANIN
CALL	PROGOITRIN
CALL	SINALBIN
ASB-00019271	SINIGRIN (SH)

Saffron Crocus

Botanical Name: *Crocus sativus*
Other Name: Saffron Crocus; Saffron

PART NO.	DESCRIPTION (GRADE)
CALL	PICROROCINE

Sage

Botanical Name: *Salvia officinalis*
Other Name: Garden Sage; Common Sage; Berggarten Sage; Kitchen Sage; Sage

PART NO.	DESCRIPTION (GRADE)
ASB-00003830	APIGENIN-7-GLUCOSIDE (COSMOSIIN) (P)
ASB-00002355	BORNEOL, (+)- (SG)
ASB-00002357	BORNYL ACETATE (SG)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003198	CARNOSIC ACID (P)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00003838	COUMARIC ACID, P- (RG)
ASB-00005375	EUCALYPTOL (SG)
ASB-00006005	FERULIC ACID (SH)
ASB-00012500	LUTEOLIN 7-GLUCOSIDE (P)
ASB-00012461	LUTEOLIN (P)
ASB-00015303	OLEANOLIC ACID (P)
ASB-00018370	ROSMARINIC ACID (P)
ASB-00020287	THUJONE, ALPHA- (SH)

Salad Burnet

Botanical Name: *Saponaria officinalis*
Other Name: Salad Burnet; Great Burnet; Official Burnet

PART NO.	DESCRIPTION (GRADE)
ASB-00009630	ISOVITEXIN (P)
ASB-00019025	SAKURANETIN (SH)
ASB-00019065	SAPONARIN (SH)

Sambul Root

Botanical Name: *Ferula suaveolens*
Other Name: Sambul Root

PART NO.	DESCRIPTION (GRADE)
ASB-00022306	VANILLIC ACID (RG)

Sarsaparilla

Botanical Name: *Smilax aspera*
Other Name: Sarsaparilla; Common Smilax; Mediterranean Smilax; Rough Smilax; Salsaparilla

PART NO.	DESCRIPTION (GRADE)
ASB-00004916	DIOSGENIN (SAPOGENIN) (P)

Sarsaparilla

Botanical Name: *Smilax regellii*
Other Name: Sarsaparilla

PART NO.	DESCRIPTION (GRADE)
ASB-00001700	BEHENIC ACID (RG)
ASB-00003368	CETYL ALCOHOL (1-HEXADECANOL) (SG)
ASB-00003368	CETYL ALCOHOL (1-HEXADECANOL) (SG)
ASB-00015305	OLEIC ACID (SG)
ASB-00016051	PALMITIC ACID (RG)
ASB-00019075	SARSASAPOGENIN (RG)
ASB-00019292	SMILAGENIN (RG)
ASB-00019350	STEARIC ACID (RG)

Product Selection

Sathi

Botanical Name: *Boerhaavia diffusa*
Other Name: Sathi; Punanmava

PART NO.	DESCRIPTION (GRADE)
ASB-00005383	EUPALITIN (RG)
ASB-00005384	EUPALITIN-3-O-GALACTOSIDE (RG)
CALL	SATHI STANDARDS KIT

Satureja juliana

Botanical Name: *Satureja juliana*
Other Name:

PART NO.	DESCRIPTION (GRADE)
CALL	LUTEOLIN 7,3'-DI-O-GLUCURONIDE

Savin Juniper

Botanical Name: *Juniperus sabina*
Other Name: Savin Juniper; Savine; Broadmoor Savin Juniper

PART NO.	DESCRIPTION (GRADE)
ASB-00002357	BORNYL ACETATE (SG)
ASB-00005375	EUCALYPTOL (SG)
ASB-00016940	PODOPHYLLOTOXIN (P)
CALL	SABINYL ACETATE

Saw Palmetto

Botanical Name: *Serenoa repens*
Other Name: Saw Palmetto; American Dwarf Palm Tree; Cabbage Palm

PART NO.	DESCRIPTION (GRADE)
ASB-00011055	ASTRAGALIN (KAEMPFEROL-3-GLUCOSIDE)
ASB-00009505	ISOQUERCETIN (P)
CALL	METHYL LAURATE
ASB-00019285	SITOSTEROL, B- (AHP)
ASB-00003126	CAPRIC ACID (SG)
ASB-00012080	LAURIC ACID (SG)
ASB-00012251	LINOLEIC ACID (SG)
ASB-00012271	LINOLENIC ACID (SG)
ASB-00013930	MYRISTIC ACID (SG)
ASB-00015305	OLEIC ACID (SG)
ASB-00016051	PALMITIC ACID 98% (RG)
ASB-00019350	STEARIC ACID (PURE) (RG)

Schisandra

Botanical Name: *Schisandra chinensis*
Other Name: Schisandra; Tyosen-Gomisi; Wu Wei Zi

PART NO.	DESCRIPTION (GRADE)
ASB-00040800	AHP SCHISANDRA BERRY MONOGRAPH
KIT-00019072	SCHISANDRA HPLC ANALYSIS KIT
ASB-00019504	SCHISANDRIN A (DEOXYSCHISANDRIN) (P)
CALL	SCHISANDRIN B
ASB-00019500	SCHISANDRIN (SCHISANDROL A) (P)
ASB-00019505	SCHISANDRIN, GAMMA- (WUWEIZISU B) (AHP)
ASB-00019501	SCHISANDROL B (GOMISIN A) (P)
CALL	SCHISANTHERIN A

Scots Pine

Botanical Name: *Pinus sylvestris*
Other Name: Scots Pine; Scotch Pine; Scot Pine

PART NO.	DESCRIPTION (GRADE)
ASB-00020065	TAXIFOLIN (P)

Sea Buckthorn

Botanical Name: *Hippophae rhamnoides*
Other Name: Seaberry; Sea Buckthorn

PART NO.	DESCRIPTION (GRADE)
ASB-00003838	COUMARIC ACID, P- (RG)
ASB-00005125	EPICATECHIN, (-) (AHP)
ASB-00005150	EPIGALLOCATECHIN GALLATE, (-) (P)
ASB-00005145	EPIGALLOCATECHIN, (-) (P)
ASB-00008042	HARMALOL HCL (SH)
ASB-00009520	ISORHAMNETIN (P)
ASB-00011020	KAEMPFEROL (AHP)
ASB-00012550	LYCOPENE (P)
ASB-00017030	QUERCETIN (AHP)

Sea Island Cotton

Botanical Name: *Gossypium barbadense*
Other Name: Creole; Long Staple; Sea Island Cotton; Algodon Pais; West Indische Katoen; Pima Cotton

PART NO.	DESCRIPTION (GRADE)
ASB-00011055	ASTRAGALIN (KAEMPFEROL-3-GLUCOSIDE) (P)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00009505	ISOQUERCETIN (P)
ASB-00011605	KUROMANIN CHLORIDE (CYANIDIN-3-GLUCOSIDE) (SH)
ASB-00018430	RUTIN (AHP)

Sea Kale

Botanical Name: *Crambe maritima*
Other Name: Sea Kale; Crambe-Marinha; Seacale; Chou De Mer

PART NO.	DESCRIPTION (GRADE)
CALL	DESULFOEPIPROGOITRIN
CALL	DESULFOGLUCONAPIN
CALL	DESULFOSINALBIN
CALL	DESULFOSINIGRIN
CALL	EPIPROGOITRIN
CALL	GLUCONAPIN
CALL	SINALBIN
ASB-00019271	SINIGRIN (SH)

Senna

Botanical Name: *Senna spp.*
Other Name: Senna

PART NO.	DESCRIPTION (GRADE)
ASB-00001611	ALOE EMODIN (SH)
ASB-00003635	CHRYSOPHANOL (SH)
ASB-00018230	RHEIN (SH)
KIT-00019162	SENNA STANDARDS KIT
ASB-00019151	SENNIDINE B (RG)
ASB-00019156	SENNOSIDE A (SH)

Product Selection

Sesame

Botanical Name: *Sesamum indicum*
Other Name: Sesame

PART NO.	DESCRIPTION (GRADE)
ASB-00019194	SESAMIN (P)
ASB-00019195	SESAMOL (RG)

Sessilifructus

Botanical Name: *Uncaria sessilifructus*
Other Name: Gou Teng; Cat's Claw

PART NO.	DESCRIPTION (GRADE)
ASB-00009417	ISOMITRAPHYLLINE (P)
ASB-00013955	MITRAPHYLLINE (P)

Shallot

Botanical Name: *Allium cepa*
Other Name: Onion; Shallot; Eschalot; (Potato, Multiplier, Spanish) Onion; Cebolla

PART NO.	DESCRIPTION (GRADE)
ASB-0000-1540	ALLIIN (P)
ASB-00006005	FERULIC ACID (SH)
ASB-00009505	ISOQUERCETIN (P)
ASB-00016306	PROTOCATECHUIC ACID (P)
ASB-00017030	QUERCETIN (AHP)
ASB-00019345	SPIRAEOSIDE (RG)

Shatterstone

Botanical Name: *Phyllanthus amarus*
Other Name: Shatterstone; Gulf Leafflower; Black Catnip; Stone Breaker; Gale of Wind

PART NO.	DESCRIPTION (GRADE)
ASB-00008925	HYPOPHYLLANTHIN (P)
ASB-00016750	PHYLLANTHIN (P)

Shiny-Leaf Prickly-Ash

Botanical Name: *Zanthoxylum nitidum*
Other Name: Shiny-Leaf Prickly-Ash; Shining Prickly-Ash

PART NO.	DESCRIPTION (GRADE)
ASB-00019194	SESAMIN (P)
ASB-00022850	VITEXIN (P)

Shrubby Sophora

Botanical Name: *Sophora flavescens*
Other Name: Shrubby Sophora; Sophora Root; Ku Shen

PART NO.	DESCRIPTION (GRADE)
ASB-00013153	MATRINE (P)
ASB-00015480	OXYMATRINE (P)

Siberian Tea

Botanical Name: *Bergenia crassifolia*
Other Name: Siberian Tea

PART NO.	DESCRIPTION (GRADE)
ASB-00001976	ARBUTIN (P)
ASB-00002230	BERGENIN (P)

Sichuan-pepper

Botanical Name: *Zanthoxylum schinifolium*
Other Name: Sichuan-pepper; Peppertree; Mastic-leaved Prickly-Ash

PART NO.	DESCRIPTION (GRADE)
ASB-00002201	BERBERINE CHLORIDE (AHP)

Sickle Senna

Botanical Name: *Senna tora* (syn: *Cassia tora*)
Other Name: Sickle Senna; Sicklepod

PART NO.	DESCRIPTION (GRADE)
ASB-00003635	CHRYSOPHANOL (SH)

Silky Dogwood

Botanical Name: *Cornus amomum*
Other Name: Silky Dogwood; Red Willow; Silky Cornel

PART NO.	DESCRIPTION (GRADE)
ASB-00019550	SALIDROSIDE (P)

Silver Lime

Botanical Name: *Tilia tomentosa*
Other Name: Silver Lime; Silver Linden

PART NO.	DESCRIPTION (GRADE)
ASB-00011055	ASTRAGALIN (KAEMPFEROL-3-GLUCOSIDE) (P)
ASB-00009505	ISOQUERCETIN (P)
ASB-00017171	QUERCITRIN (P)
ASB-00020306	TILIROSIDE (P)

Simpleleaf Chastetree

Botanical Name: *Vitex trifolia*
Other Name: Simpleleaf Chastetree; Hand-of-Mary; Indian Privet; Indian Three-Leaf Vitex

PART NO.	DESCRIPTION (GRADE)
ASB-00003272	CASTICIN (P)

Sinensis

Botanical Name: *Uncaria sinensis*
Other Name: Cat's Claw

PART NO.	DESCRIPTION (GRADE)
ASB-00021220	UNCARINE C (P)
ASB-00021230	UNCARINE D (P)
ASB-00021225	UNCARINE E (P)

Slender St. John's Wort

Botanical Name: *Hypericum pulchrum*
Other Name: Slender St. John's Wort

PART NO.	DESCRIPTION (GRADE)
ASB-00008910	HYPERICIN (P)
ASB-00009505	ISOQUERCETIN (P)
ASB-00013092	MANGIFERIN (P)
ASB-00016355	PSEUDOHYPERICIN (P)

Product Selection

Small Leaved Lime

Botanical Name: *Tilia cordata*
Other Name: Small Leaved Lime; Littleleaf Linden

PART NO.	DESCRIPTION (GRADE)
ASB-00011055	ASTRAGALIN (KAEMPFEROL-3-GLUCOSIDE) (P)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00003838	COUMARIC ACID, P- (RG)
ASB-00005071	ELLAGIC ACID (P)
ASB-00005260	ESCULIN (ESCULETIN-6-GLUCOSIDE) (RG)
ASB-00007040	GALLIC ACID (P)
ASB-00008916	HYPEROSIDE (P)
ASB-00009505	ISOQUERCETIN (P)
ASB-00011020	KAEMPFEROL (AHP)
ASB-00016231	PROCYANIDIN B2
ASB-00017030	QUERCETIN (AHP)
ASB-00017171	QUERCITRIN (P)
ASB-00018430	RUTIN (AHP)
ASB-00020306	TILIROSIDE (P)

Smooth Purple Coneflower

Botanical Name: *Echinacea laevigata*
Other Name: Smooth Purple Coneflower; Smooth Coneflower

PART NO.	DESCRIPTION (GRADE)
ASB-00004950	DODEC-2-ENE-8,10-DIYNOIC ACID ISOBUTYLAMIDE (P)
ASB-00004951	DODECA-2(E),4(E)-DIENOIC ACID ISOBUTYLAMIDE (P)
ASB-00008195	HEXADIENOIC ACID ISOBUTYLAMIDE, 2,4- (AHP)

Snowdrop

Botanical Name: *Galanthus nivalis*
Other Name: Common Snowdrop

PART NO.	DESCRIPTION (GRADE)
ASB-00007037	GALANTHAMINE HYDROBROMIDE (RG)

Soapwort

Botanical Name: *Sanguisorba minor*
Other Name: Common Soapwort

PART NO.	DESCRIPTION (GRADE)
ASB-00011055	ASTRAGALIN (KAEMPFEROL-3-GLUCOSIDE)
ASB-00002247	BETULINIC ACID (RG)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003838	COUMARIC ACID, P- (RG)
ASB-00007040	GALLIC ACID (P)
ASB-00009505	ISOQUERCETIN (P)
ASB-00017030	QUERCETIN (AHP)
ASB-00022306	VANILLIC ACID (RG)

Sophora (Kushen)

Botanical Name: *Styphnolobium japonicum* (Syn. *Sophora japonica*)
Other Name: Japanese Pagoda Tree; Styphnolobium Japonicum; Chinese Scholar Tree

PART NO.	DESCRIPTION (GRADE)
ASB-00013153	MATRINE (P)
ASB-00015480	OXYMATRINE (P)
ASB-00018430	RUTIN (AHP)
ASB-00019324	SOPHORICOSIDE (GENISTEIN-4'-GLUCOSIDE) (P)
ASB-00019325	SOPHORIDINE (RG)

Southern Catalpa

Botanical Name: *Catalpa bignonioides*
Other Name: Southern Catalpa

PART NO.	DESCRIPTION (GRADE)
ASB-00003274	CATALPOL (SH)

Southern Magnolia

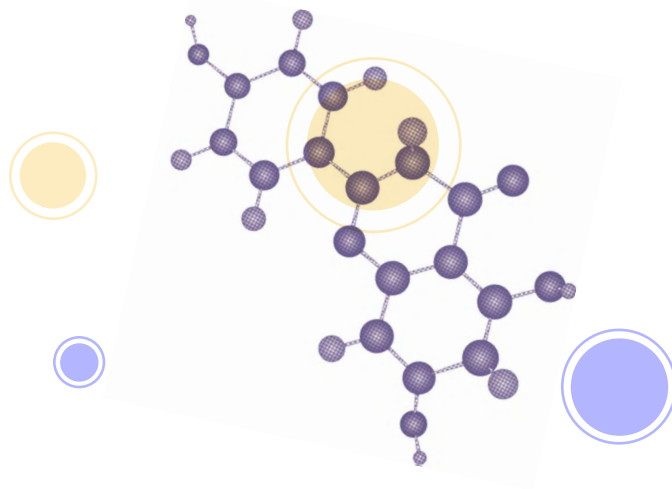
Botanical Name: *Magnolia grandiflora*
Other Name: Southern Magnolia; Evergreen Magnolia; Magnolia; Loblolly Magnolia; Bull-Bay

PART NO.	DESCRIPTION (GRADE)
ASB-00003825	COSTUNOLIDE (SH)
ASB-00008330	HONOKIOL (P)
ASB-00013030	MAGNOLOL (SH)
ASB-00016070	PARTHENOLIDE (P)

Southernwood

Botanical Name: *Artemisia absinthium*
Other Name: Southernwood; Southern Wormwood; Oldman Wormwood; Grand Wormwood

PART NO.	DESCRIPTION (GRADE)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00005375	EUCALYPTOL (SG)
ASB-00009255	ISOFRAXIDINE (RG)
ASB-00018430	RUTIN (AHP)
CALL	SABINYL ACETATE
ASB-00019091	SCOPOLETIN (SH)
ASB-00020287	THUJONE, ALPHA- (SH)



Product Selection

Soy

Botanical Name: *Glycine max*
Other Name: Soya Bean

PART NO.	DESCRIPTION (GRADE)
ASB-00004005	DADZEIN (SH)
ASB-00004005	DAIDZIN (SH)
ASB-00007080	GENISTEIN (SH)
ASB-00007098	GENISTIN (SH)
ASB-00007344	GLYCITEIN (P)
ASB-00007347	GLYCITIN (P)
ASB-00030760	SOY BRM (BRM)
ASB-00030761	SOY XRM (XRM)
ASB-00019335	SOYASAPOGENOL A (P)
ASB-00019340	SOYASAPOGENOL B (P)
ASB-00019336	SOYASAPONIN I (SH)
ASB-00019337	SOYASAPONIN II (SH)
ASB-00019338	SOYASAPONIN III (SH)
KIT-00019571	SOYASAPONIN KIT
KIT-00019570	SOY ISOFLAVONE KIT

Spanish Chestnut

Botanical Name: *Castanea sativa*
Other Name: Spanish Chestnut; European Chestnut; Sweet Chestnut

PART NO.	DESCRIPTION (GRADE)
ASB-00011055	ASTRAGALIN (KAEMPFEROL-3-GLUCOSIDE) (P)
ASB-00003310	CATECHIN, (+)- (AHP)
ASB-00005071	ELLAGIC ACID (P)
ASB-00007040	GALLIC ACID (P)
ASB-00008035	HAMAMELITANNIN (P)
ASB-00009505	ISOQUERCETIN (P)
ASB-00017030	QUERCETIN (AHP)
ASB-00018430	RUTIN (AHP)
ASB-00020306	TILIROSIDE (P)

Spanish Fly

Botanical Name: *Lytta vesicatoria*
Other Name: Spanish Fly; Blister Fly

PART NO.	DESCRIPTION (GRADE)
ASB-00008340	HUPERZINE A (P)

Spanish Sage

Botanical Name: *Salvia lavandulifolia*
Other Name: Spanish Sage; Lavender-Leafed Sage; Lavender Scented Sage

PART NO.	DESCRIPTION (GRADE)
ASB-00001900	APIGENIN (P)
ASB-00003830	APIGENIN-7-GLUCOSIDE (COSMOSIIN) (P)
ASB-00005375	EUCALYPTOL (SG)
ASB-00012453	LUTEIN (P)
ASB-00012500	LUTEOLIN 7-GLUCOSIDE (P)
ASB-00018370	ROSMARINIC ACID (P)
CALL	SABINYL ACETATE

Spineless Butcher's-Broom

Botanical Name: *Ruscus hypoglossum*
Other Name: Spineless Butcher's-Broom; Fragon Hypoglosse; Butterfly Bush; Summer Lilac

PART NO.	DESCRIPTION (GRADE)
ASB-00014287	NEORUSCOGENIN (P)
ASB-00018415	RUSCOGENIN (P)

Spiral-Ginger

Botanical Name: *Costus barbatus*
Other Name: Spiral-Ginger; Firespike; Ginger-Lily

PART NO.	DESCRIPTION (GRADE)
ASB-00004916	DIOSGENIN (SAPOGENIN) (P)

Spotted Gentian

Botanical Name: *Gentiana purpurea*
Other Name: Spotted Gentian; Gentian; Gentian-Root; False Hellebore

PART NO.	DESCRIPTION (GRADE)
ASB-00007131	GENTIOPICROSIDE (RG)
ASB-00008320	HOMOORIENTIN (ISOORIENTIN) (SH)
ASB-00009635	ISOVITEXIN (SH)

Sprenger's Magnolia

Botanical Name: *Magnolia sprengeri*
Other Name: Magnolia; Chinese Magnolia; Hou Po; Sprenger's Magnolia

PART NO.	DESCRIPTION (GRADE)
ASB-00002357	BORNYL ACETATE (SG)

Spring Pheasant's Eye

Botanical Name: *Adonis vernalis*
Other Name: Spring Pheasant's Eye; Spring Donis

PART NO.	DESCRIPTION (GRADE)
ASB-00008320	HOMOORIENTIN (ISOORIENTIN) (SH)
ASB-00015381	ORIENTIN (SH)
ASB-00022850	VITEXIN (P)

St. John's Wort

Botanical Name: *Hypericum aucherii*
Other Name: Goatweed

PART NO.	DESCRIPTION (GRADE)
ASB-00013092	MANGIFERIN (P)

St. John's Wort

Botanical Name: *Hypericum barbatum*
Other Name: Goatweed

PART NO.	DESCRIPTION (GRADE)
CALL	BIAPIGENIN, I3, I18-

Product Selection

St. John's Wort

Botanical Name: *Hypericum mysurense*

Other Name: Common St. Johnswort; St. John's Wort; Hypericum; Klamath Weed; Goat Weed

PART NO.	DESCRIPTION (GRADE)
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ASB-00013092	MANGIFERIN (P)
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St. John's Wort

Botanical Name: *Hypericum perforatum*

Other Name: Common St. Johnswort; St. John's Wort; Hypericum; Klamath Weed; Goat Weed

PART NO.	DESCRIPTION (GRADE)
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ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00008908	HYPERFORIN REFERENCE MATERIAL (SH)
ASB-00008910	HYPERICIN (P)
ASB-00008916	HYPEROSIDE (P)
ASB-00009505	ISOQUERCETIN (P)
ASB-00011020	KAEMPFEROL (AHP)
ASB-00012453	LUTEIN (P)
ASB-00012461	LUTEOLIN (P)
ASB-00013921	MYRICETIN(CANNABISCETIN) (P)
ASB-00016355	PSEUDOHYPERICIN (P)
ASB-00017030	QUERCETIN (AHP)
ASB-00017170	QUERCITRIN (SH)
ASB-00018440	RUTIN (SH)
ASB-00019560	SALVIANOLIC ACID B (P)

Staggersbush

Botanical Name: *Senecio retrorsus*

Other Name: Ragwort; Staggersbush

PART NO.	DESCRIPTION (GRADE)
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ASB-00018140	RETRORSINE (RG)
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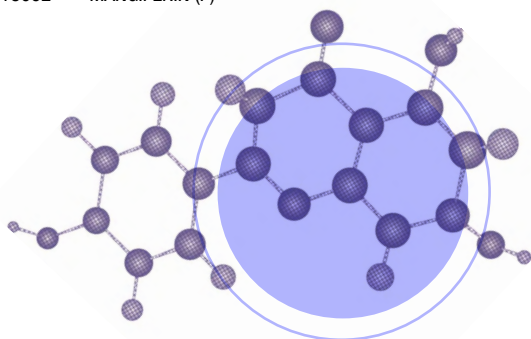
Star Gentian

Botanical Name: *Gentiana cruciata*

Other Name: Star Gentian; Crossleaf Gentian; Rosette Gentian; Gentianaceae; Mountain Gentian

PART NO.	DESCRIPTION (GRADE)
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ASB-00007131	GENTIOPICOSIDE (RG)
ASB-00008320	HOMOORIENTIN (ISOORIENTIN) (SH)
ASB-00009630	ISOVITEXIN (P)
ASB-00013092	MANGIFERIN (P)



Star-Anise

Botanical Name: *Illicium verum*

Other Name: Chinese Star-Anise; Star-Anise; Ba Jiao Hui Xian; Badiane

PART NO.	DESCRIPTION (GRADE)
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ASB-00001851	ANETHOLE, TRANS - (P)
ASB-00011055	ASTRAGALIN (KAEMPFEROL-3-GLUCOSIDE) (P)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003310	CATECHIN, (+)- (AHP)
ASB-00003838	COUMARIC ACID, P- (RG)
ASB-00005125	EPICATECHIN, (-)- (AHP)
ASB-00005145	EPIGALLOCATECHIN, (-)- (P)
ASB-00006005	FERULIC ACID (SH)
ASB-00008916	HYPEROSIDE (P)
ASB-00009505	ISOQUERCETIN (P)
ASB-00016306	PROTocatechuic acid (P)
ASB-00018430	RUTIN (AHP)
ASB-00022306	VANILLIC ACID (RG)

Stellera chamaejasme

Botanical Name: *Stellera chamaejasme*

Other Name:

PART NO.	DESCRIPTION (GRADE)
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ASB-00016865	PINORESINOL DIGLUCOSIDE (P) (Please Call)
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Stephania-Root

Botanical Name: *Stephania tetrandra*

Other Name: Stephania-Root

PART NO.	DESCRIPTION (GRADE)
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ASB-00020205	TETRANDRINE (RG)
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Stevia

Botanical Name: *Stevia rebaudiana*

Other Name: Stevia; Sweet Leaf of Paraguay; Sweet-Herb; Honey Yerba; Honeyleaf; Candy Leaf

PART NO.	DESCRIPTION (GRADE)
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ASB-00003356	CENTAUREIDINE (P)
ASB-00004949	DULCOSIDE A (RG)
ASB-00007150	GERANIOL (SG)
ASB-00009505	ISOQUERCETIN (P)
ASB-00009590	ISOSTEVIOL (RG)
ASB-00012500	LUTEOLIN 7-GLUCOSIDE (P)
ASB-00018225	REBAUDIOSIDE A (RG)
ASB-00018227	REBAUDIOSIDE B (P) (NEW)
ASB-00018229	REBAUDIOSIDE D (P)
ASB-00030120	STEVIA LEAF (RGRM)
ASB-00030121	STEVIA LEAF (XRM)
KIT-00019566	STEVIA STANDARDS KIT
ASB-00019352	STEVIOL (P)
ASB-00019349	STEVIOLBIOSIDE (P) (NEW)
ASB-00019353	STEVIOSIDE (RG)

Product Selection

Stiff Clubmoss

Botanical Name: *Lycopodium annotinum*
Other Name: Stiff Clubmoss; Bristly Clubmoss; Interrupted Clubmoss; Lycopode Innovant

PART NO.	DESCRIPTION (GRADE)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00006005	FERULIC ACID (SH)
ASB-00012461	LUTEOLIN (P)
ASB-00022306	VANILLIC ACID (RG)

Stinging Nettle

Botanical Name: *Urtica dioica*
Other Name: Stinging Nettle; California Nettle; Slender Nettle; Tall Nettle; Great Stinging Nettle

PART NO.	DESCRIPTION (GRADE)
ASB-00011055	ASTRAGALIN (KAEMPFEROL-3-GLUCOSIDE) (P)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003023	CAFFEYOYLMALIC ACID
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00003838	COUMARIC ACID, P- (RG)
ASB-00004977	DIVANILLYLTETRAHYDROFURAN, 3,4- (P)
ASB-00006005	FERULIC ACID (SH)
ASB-00012453	LUTEIN (P)
ASB-00012550	LYCOPENE (P)
ASB-00015303	OLEANOLIC ACID (P)
ASB-00018430	RUTIN (AHP)
ASB-00019091	SCOPOLETIN (SH)

Stonebreaker

Botanical Name: *Phyllanthus niruri*
Other Name: Seed-Under-Leaf

PART NO.	DESCRIPTION (GRADE)
ASB-00011055	ASTRAGALIN (KAEMPFEROL-3-GLUCOSIDE) (P)
ASB-00005135	EPICATECHIN GALLATE, (-) (P)
ASB-00005125	EPICATECHIN, (-) (AHP)
ASB-00005150	EPIGALLOCATECHIN GALLATE, (-) (P)
ASB-00005145	EPIGALLOCATECHIN, (-) (P)
ASB-00007040	GALLIC ACID (P)
ASB-00008925	HYPOPHYLLANTHIN (P)
ASB-00009505	ISOQUERCETIN (P)
ASB-00016750	PHYLLANTHIN (P)
KIT-00016751	PHYLLANTHUS STANDARDS KIT
ASB-00017040	QUERCETIN (SH)
ASB-00017170	QUERCITRIN (SH)
ASB-00018430	RUTIN (AHP)

Strawberry

Botanical Name: *Fragaria ananassa*
Other Name: Strawberry; Quinait; Sequoia; Allstar June; Eversweet; Ft. Laramine; Honeoye

PART NO.	DESCRIPTION (GRADE)
ASB-00016121	PELARGONIN CHLORIDE (PELARGONIN-3,5-DIGLUCOSIDE) (RG)

Strawberry Tree

Botanical Name: *Arbutus unedo*
Other Name: Strawberry Tree

PART NO.	DESCRIPTION (GRADE)
ASB-00001976	ARBUTIN (P)
ASB-00002245	BETULINIC ACID (P)
CALL	DELPHINIDIN-3-GALACTOSIDE
ASB-00007070	GENIPOSIDE (RG)
ASB-00008916	HYPEROSIDE (P)
ASB-00009045	IDEAIN CHLORIDE (CYANIDIN-3-GALACTOSIDE) (SH)
ASB-00012391	LUPEOL (SH)
ASB-00017170	QUERCITRIN (SH)

Strychnine Tree

Botanical Name: *Strychnos nux-vomica*
Other Name: Nux-Vomica; Poison Nut; Snake-Wood; Strychnine Tree; Quaker Buttons; Ma Qian Zi

PART NO.	DESCRIPTION (GRADE)
ASB-00002461	BRUCINE (RG)
ASB-00012351	LOGANIN (RG)
ASB-00019550	SALIDROSIDE (P)
CALL	STRYCHNINE

Sucupira

Botanical Name: *Bowdichia nitida*
Other Name: Sucupira; Sapupira; Outiúba

PART NO.	DESCRIPTION (GRADE)
ASB-00007082	GENISTEIN (AHP)

Swamp Horsetail

Botanical Name: *Equisetum fluviatile*
Other Name: Swamp Horsetail; Water Horsetail; Pipes; River Horsetail

PART NO.	DESCRIPTION (GRADE)
ASB-00011055	ASTRAGALIN (KAEMPFEROL-3-GLUCOSIDE) (P)

Swamp Verbena

Botanical Name: *Verbena hastata*
Other Name: Swamp Verbena; American Blue Vervain; Blue Verbena; Simpler's-Joy; Swamp verbena

PART NO.	DESCRIPTION (GRADE)
ASB-00003780	CORNIN (VERBENALIN) (RG)
CALL	HASTATOSIDE (P)

Sweet Bay

Botanical Name: *Laurus nobilis*
Other Name: Sweet Bay; Laurel; Bay Laurel; Bay; Bay Tree

PART NO.	DESCRIPTION (GRADE)
ASB-00011055	ASTRAGALIN (KAEMPFEROL-3-GLUCOSIDE) (P)
ASB-00003825	COSTUNOLIDE (SH)
CALL	DEHYDROCOSTUS LACTONE
ASB-00018430	RUTIN (AHP)

Product Selection

Sweet Daphne

Botanical Name: *Daphne tangutica*
Other Name: Sweet Daphne; Mezereon Sp.

PART NO.	DESCRIPTION (GRADE)
ASB-00004026	DAPHNETIN (RG)
ASB-00016865	PINORESINOL DIGLUCOSIDE (P)

Sweet Fennel

Botanical Name: *Foeniculum vulgare*
Other Name: Sweet Fennel; Bronze Sweet Fennel; Bronze Fennel; Fennel

PART NO.	DESCRIPTION (GRADE)
ASB-00001851	ANETHOLE, TRANS- (P)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00003838	COUMARIC ACID, P- (RG)
ASB-00006005	FERULIC ACID (SH)
ASB-00009070	IMPERATORIN (P)
ASB-00009505	ISOQUERCETIN (P)
ASB-00009520	ISORHAMNETIN (P)
ASB-00011020	KAEMPFEROL (AHP)
ASB-00015303	OLEANOLIC ACID (P)
ASB-00016306	PROTOCATECHUIC ACID (P)
ASB-00016365	PSORALEN (SH)
ASB-00017030	QUERCETIN (AHP)
ASB-00018430	RUTIN (AHP)
ASB-00019091	SCOPOLETIN (SH)
ASB-00022306	VANILLIC ACID (RG)

Sweet Flag

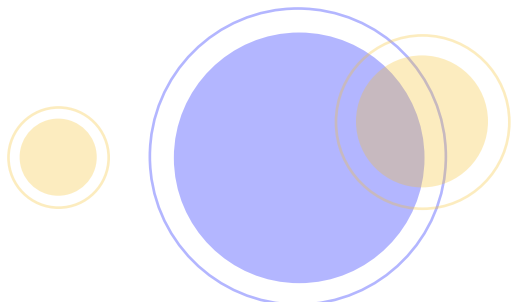
Botanical Name: *Acorus calamus*
Other Name: Sweet Flag; Sedge; Rush; Rood; Myrtle; Myrtle Grass

PART NO.	DESCRIPTION (GRADE)
ASB-00011016	ASARONE, ALPHA- (SG)
ASB-00011017	ASARONE, BETA- (SG)

Sweet Orange

Botanical Name: *Citrus sinensis*
Other Name: Sweet Orange; Navel Orange; Orange (Blossom, Tree, or Doux); Portakal

PART NO.	DESCRIPTION (GRADE)
ASB-00008111	HESPERETIN (P)
ASB-00008135	HESPERIDIN (P)
ASB-00020035	TANGERETIN (P)



Sweet Pepper

Botanical Name: *Capsicum*
Other Name: Sweet Pepper; Cayenne Pepper; Bell Pepper

PART NO.	DESCRIPTION (GRADE)
ASB-00001900	APIGENIN (P)
ASB-00001930	APIIN (P)
ASB-00003130	CAPSAICIN (MIX OF CAPSAICIN AND DIHYDRO) (RG)
ASB-00004452	DIHYDROCAPSAICIN (P)
ASB-00012500	LUTEOLIN 7-GLUCOSIDE (P)
CALL	NORDIHYDROCAPSAICIN
ASB-00019091	SCOPOLETIN (SH)
ASB-00019270	SINIGRIN (SH)
CALL	VANILLYLNONAMIDE, N-

Sweet-Amber

Botanical Name: *Hypericum androsaemum*
Other Name: Sweet-Amber; Tutsan; Albury Purple; Purple St John's Wort

PART NO.	DESCRIPTION (GRADE)
ASB-00013092	MANGIFERIN (P)

Sweetpotato

Botanical Name: *Ipomoea batatas*
Other Name: Sweetpotato; Sweet Potato Vine; Black Heart; German Batate; Süsskartoffel

PART NO.	DESCRIPTION (GRADE)
CALL	CYANIDIN-3-SOPHOROSIDE-5-GLUCOSIDE

Swertia

Botanical Name: *Swertia japonica*
Other Name: Makino; Swertia; Swertia Herb

PART NO.	DESCRIPTION (GRADE)
ASB-00007131	GENTIOPICROSIDE (RG)
ASB-00008320	HOMOORIENTIN (ISOORIENTIN) (SH)
ASB-00009635	ISOVITEXIN (SH)
ASB-00019435	SWEROSIDE (P)
ASB-00019440	SWERTIAMARIN (P)

Tabebuia araliacea

Botanical Name: *Tabebuia araliacea*
Other Name:

PART NO.	DESCRIPTION (GRADE)
ASB-00012065	LAPACHOL (RG)

Tahitian Gooseberry Tree

Botanical Name: *Phyllanthus acidus*
Other Name: Tahitian Gooseberry Tree; Cheremai; (Star or Malay) Gooseberry; Gooseberry Tree

PART NO.	DESCRIPTION (GRADE)
ASB-00003838	COUMARIC ACID, P- (RG)
ASB-00016306	PROTOCATECHUIC ACID (P)

Product Selection

Tai Tsai (Corydalis)

Botanical Name: *Corydalis incisa*
Other Name: TAI TsAi; Fumitory

PART NO.	DESCRIPTION (GRADE)
ASB-00003770	COPTISINE CHLORIDE (RG)
ASB-00019045	SANGUINARINE CHLORIDE (SH)

Tanacetum macrophyllum

Botanical Name: *Tanacetum macrophyllum*
Other Name:

PART NO.	DESCRIPTION (GRADE)
CALL	CENTAUREIDINE (P)

Tansy Ragwort

Botanical Name: *Senecio jacobaea*
Other Name: Stinking (Willie or Nanny); St. James-Wort; Ragweed; Staggerwort; Dog Standard; Common Ragwort

PART NO.	DESCRIPTION (GRADE)
ASB-00018140	RETRORSINE (RG)
ASB-00019135	SENECIONINE (RG)
ASB-00019140	SENECIPHYLLIN (RG)

Terminalia glaucescens

Botanical Name: *Terminalia glaucescens*
Other Name:

PART NO.	DESCRIPTION (GRADE)
ASB-00005071	ELLAGIC ACID (P)

The Pearl

Botanical Name: *Cimicifuga simplex*
Other Name: The Pearl; Japanese Bugbane; Bugbane

PART NO.	DESCRIPTION (GRADE)
ASB-00003639	CIMIFUGIN (P)

Theanine

Botanical Name:
Other Name: Analysis of Green Tea or Black Tea

PART NO.	DESCRIPTION (GRADE)
CALL	L-THEANINE HPLC ANALYSIS KIT
ASB-00020249	THEANINE, L- (P)

Three-Leaved Caper

Botanical Name: *Crataeva nurvula*
Other Name: Three-Leaved Caper; Barun; Varuna

PART NO.	DESCRIPTION (GRADE)
ASB-00012391	LUPEOL (SH)

Tie Bush

Botanical Name: *Wikstroemia indica*
Other Name: Tie Bush; Salago

PART NO.	DESCRIPTION (GRADE)
ASB-00016865	PINORESINOL DIGLUCOSIDE (P)

Tien Ma

Botanical Name: *Gastrodia elata*
Other Name: Tien Ma; Oni-No-Yagara

PART NO.	DESCRIPTION (GRADE)
CALL	GASTRODIN

Tienchi Ginseng

Botanical Name: *Panax notoginseng*
Other Name: Tienchi Ginseng; San Qi; Notoginseng; South China Ginseng

PART NO.	DESCRIPTION (GRADE)
ASB-00014600	NOTOGINSENSIDE R1 (RG)

Tobacco Root

Botanical Name: *Valeriana edulis*
Other Name: Tobacco Root; Edible Valerian; Tap-Rooted Valerian

PART NO.	DESCRIPTION (GRADE)
CALL	PATCHOULI ALCOHOL

Tomato

Botanical Name: *Lycopersicon esculentum*
Other Name: Tomato; Love Apple Tomato; Pepper

PART NO.	DESCRIPTION (GRADE)
ASB-00012550	LYCOPENE (P)

Toothed Club-Moss

Botanical Name: *Huperzia serrata*
Other Name: Toothed Club-Moss; Club Moss; Wolf's Claw; Hup A; Lycopodium Serrata

PART NO.	DESCRIPTION (GRADE)
ASB-00008340	HUPERZINE A (P)

Topeka Purple Coneflower

Botanical Name: *Echinacea atrorubens*
Other Name: Topeka Purple Coneflower

PART NO.	DESCRIPTION (GRADE)
ASB-00004951	DODECA-2(E),4(E)-DIENOIC ACID ISOBUTYLAMIDE (P)
ASB-00005020	ECHINACOSIDE (AHP)
ASB-00008195	HEXADIENOIC ACID ISOBUTYLAMIDE, 2,4- (AHP)

Trailing Spurge

Botanical Name: *Euphorbia humifusa*
Other Name: Trailing Spurge; Rentotyräkki

PART NO.	DESCRIPTION (GRADE)
ASB-00007040	GALLIC ACID (P)
ASB-00017170	QUERCITRIN (SH)
ASB-00019086	SCOPARONE (RG)

Product Selection

Trailing St. Johns Wort

Botanical Name: *Hypericum humifusum*
Other Name: Trailing St. Johnswort

PART NO.	DESCRIPTION (GRADE)
ASB-00013092	MANGIFERIN (P)

Tree Cotton

Botanical Name: *Gossypium arboreum*
Other Name: Tree Cotton; Cotton Arborescent; Malvaceae; Cotton

PART NO.	DESCRIPTION (GRADE)
ASB-00009505	ISOQUERCETIN (P)

Tree Peony

Botanical Name: *Paeonia suffruticosa*
Other Name: Tree Peony; Moutan; Moutan Peony

PART NO.	DESCRIPTION (GRADE)
ASB-00003830	APIGENIN-7-GLUCOSIDE (COSMOSIIN) (P)
ASB-00011055	ASTRAGALIN (KAEMPFEROL-3-GLUCOSIDE) (P)
ASB-00016020	PAEONIFLORIN (P)
ASB-00016030	PAEONOL (SH)

Tribulus

Botanical Name: *Tribulus terrestris*
Other Name: Puncture Vine; Tribulus

PART NO.	DESCRIPTION (GRADE)
ASB-00016310	PROTODIOSCIN (P)
ASB-00016311	PROTODIOSCIN, PSEUDO- (P)
ASB-00020355	PROTOTRIBESTIN (P)
ASB-00020356	TRIBULOSAPONIN B (P)

Tropical Rose Mallow

Botanical Name: *Hibiscus vitifolius*
Other Name: Tropical Rose Mallow; Hibiscus; Rosemallow

PART NO.	DESCRIPTION (GRADE)
ASB-00007401	GOSSYPIN (RG)

Tuber Fleecflower

Botanical Name: *Polygonum multiflorum*
Other Name: Tuber Fleecflower; Chinese Comboid; Flowery Knotweed; Fo-Ti; He Shou Wu; Chinese Knotweed

PART NO.	DESCRIPTION (GRADE)
ASB-00001611	ALOE EMODIN (SH)
ASB-00003310	CATECHIN, (+)- (AHP)
ASB-00003635	CHRYSOPHANOL (SH)
ASB-00005091	EMODIN (P)
ASB-00005135	EPICATECHIN GALLATE, (-)- (P)
ASB-00005125	EPICATECHIN, (-)- (AHP)
ASB-00007040	GALLIC ACID (P)
ASB-00008916	HYPEROSIDE (P)
ASB-00016790	PHYSCION (SH)
ASB-00018230	RHEIN (SH)

Tulasi

Botanical Name: *Ocimum tenuiflorum*
Other Name: Tulasi; Tamil; Malayalam

PART NO.	DESCRIPTION (GRADE)
ASB-00001900	APIGENIN (P)
ASB-00012453	LUTEIN (P)
CALL	METHYLEUGENOL
ASB-00015380	ORIENTIN (P)

Tumeric

Botanical Name: *Curcuma longa*
Other Name: Common Turmeric; Tumeric; Curcuma; Indian-Saffron; Safran Des Indes

PART NO.	DESCRIPTION (GRADE)
ASB-00003926	CURCUMIN (P)
ASB-00004230	DEMETHOXYCURCUMIN (P)
ASB-00004231	DEMETHOXYCURCUMIN, BIS- (P)
ASB-00005375	EUCALYPTOL (SG)

Tumulawak

Botanical Name: *Curcuma xanthorrhiza*
Other Name: Tumulawak; Java Turmeric; Temu Lawak; Gedè; Indian Saffron; Jiang Huang

PART NO.	DESCRIPTION (GRADE)
ASB-00002356	BORNEOL, (-)- (SG)
ASB-00003926	CURCUMIN (P)
ASB-00004230	DEMETHOXYCURCUMIN (P)
ASB-00004231	DEMETHOXYCURCUMIN, BIS- (P)
ASB-00005375	EUCALYPTOL (SG)

Turkestan Barberr

Botanical Name: *Berberis heteropoda*
Other Name: Turkestan Barberr

PART NO.	DESCRIPTION (GRADE)
ASB-00002201	BERBERINE CHLORIDE (AHP)
ASB-00010150	JATRRORRHIZINE HCL (RG)

Umbrella Thorn Acacia

Botanical Name: *Acacia tortilis*
Other Name: Umbrella Thorn; Israeli Babool

PART NO.	DESCRIPTION (GRADE)
ASB-00009505	ISOQUERCETIN (P)
ASB-00012500	LUTEOLIN 7-GLUCOSIDE (P)
ASB-00018430	RUTIN (AHP)

Upland Cotton

Botanical Name: *Gossypium hirsutum*
Other Name: Upland Cotton; Algodon; Cotton; American or American Upland or Bourbon Cotton; Mexican Cotton

PART NO.	DESCRIPTION (GRADE)
ASB-00009505	ISOQUERCETIN (P)
ASB-00009520	ISORHAMNETIN (P)

Product Selection

Uva Ursi (Bearberry)

Botanical Name: *Arctostaphylos uva-ursi*
Other Name: Bearberry; Mountain Crawberry; Red Bearberry; Bear's Grape; Foxberry

PART NO.	DESCRIPTION (GRADE)
ASB-00001976	ARBUTIN (P)
ASB-00002245	BETULINIC ACID (P)
ASB-00003310	CATECHIN, (+)- (AHP)
ASB-00005071	ELLAGIC ACID (P)
ASB-00007040	GALLIC ACID (P)
ASB-00008916	HYPEROSIDE (P)
ASB-00009505	ISOQUERCETIN (P)
ASB-00013921	MYRICETIN (CANNABISCETIN) (P)
ASB-00015303	OLEANOLIC ACID (P)
ASB-00016306	PROTocatechuic Acid (P)
ASB-00017030	QUERCETIN (AHP)
ASB-00017170	QUERCITRIN (SH)
ASB-00021600	URSOLIC ACID (P)

Valerian

Botanical Name: *Valeriana officinalis*
Other Name: Valerian; Garden Heliotrope; Garden Valerian; All Heal

PART NO.	DESCRIPTION (GRADE)
ASB-00001090	ACETOXYVALERENIC ACID (P)
ASB-00002356	BORNEOL, (-) (SG)
ASB-00002357	BORNYL ACETATE (SG)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00005375	EUCALYPTOL (SG)
ASB-00008730	HYDROXYVALERENIC ACID (P)
ASB-00009251	ISOFERULIC ACID (P)
ASB-00022150	VALERENIC ACID (AHP)
ASB-00034900	VALERIAN ROOT BRM

Valerian (fauriei)

Botanical Name: *Valeriana fauriei*
Other Name: Valerian

PART NO.	DESCRIPTION (GRADE)
ASB-00002357	BORNYL ACETATE (SG)

Vasaka

Botanical Name: *Justicia adhatoda* (syn: *Adhatoda vasica*)
Other Name: Malabar Nut; Malabar Nut Tree; Vasaka

PART NO.	DESCRIPTION (GRADE)
ASB-00022306	VANILLIC ACID (RG)
ASB-00022325	VASICINE (P)
ASB-00022326	VASICINONE (P)

Vervain

Botanical Name: *Verbena officianlis*
Other Name: Blue Vervain; Herb of the Cross; Vervain; Common (Verbena or Vervain); European Vervain

PART NO.	DESCRIPTION (GRADE)
ASB-00011085	AUCUBIN (P)
ASB-00011086	AUCUBIN (SH)
ASB-00003780	CORNIN (VERBENALIN) (RG)
CALL	HASTATOSIDE (P)
ASB-00022390	VERBASCOSIDE (P)
CALL	VERBENIN (P)

Violet Willow (Daphne Willow)

Botanical Name: *Salix daphnoides*
Other Name: Violet Willow; Daphne Willow; Willow

PART NO.	DESCRIPTION (GRADE)
ASB-00003310	CATECHIN, (+)- (AHP)
ASB-00012500	LUTEOLIN 7-GLUCOSIDE (P)
ASB-00019029	SALICIN (AHP)

Vitex peduncularis

Botanical Name: *Vitex peduncularis*
Other Name:

PART NO.	DESCRIPTION (GRADE)
ASB-00022850	VITEXIN (P)

Wall Germander

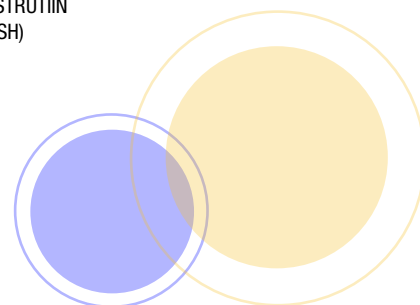
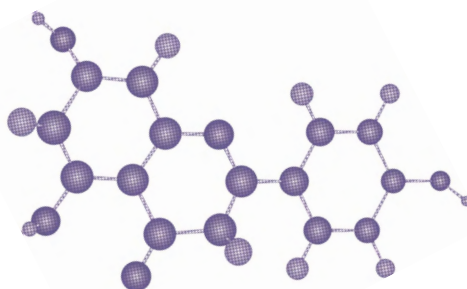
Botanical Name: *Teucrium chamaedrys*
Other Name: Wall Germander; Germander; Camedrio; Germandree Petit Chene

PART NO.	DESCRIPTION (GRADE)
CALL	HARPAGIDE
ASB-00012461	LUTEOLIN (P)
CALL	TEUCRIN A

Wasabi

Botanical Name: *Wasabi japonica*
Other Name: Japanese Horseradish; Wasabi

PART NO.	DESCRIPTION (GRADE)
CALL	DESULFOGLUCONAPIN
CALL	DESULFOGLUCONASTRUTIIN
CALL	DESULFOSINIGRIN
CALL	GLUCONAPIN
CALL	GLUCONASTRUTIIN
ASB-00019271	SINIGRIN (SH)



Product Selection

Watercress

Botanical Name: *Nasturtium officinale*
Other Name: Watercress

PART NO.	DESCRIPTION (GRADE)
CALL	DESULFOGLUCONASTRUTIIN
CALL	DESULFOGLUCOTROPAEOLIN
CALL	DESULFOSINALBIN
CALL	GLUCONASTURTIIN
ASB-00007300	GLUCOTROPAEOLIN (SH)
CALL	SINALBIN

Wavyleaf Purple Coneflower

Botanical Name: *Echinacea simulata*
Other Name: Wavyleaf Purple Coneflower; Pale Purple Coneflower; Glade Coneflower

PART NO.	DESCRIPTION (GRADE)
ASB-00004950	DODEC-2-ENE-8, 10-DIYNOIC ACID ISOBUTYLAMIDE (P)
ASB-00004951	DODECA-2(E), 4(E)-DIENOIC ACID ISOBUTYLAMIDE (P)
ASB-00005020	ECHINACOSIDE (AHP)
ASB-00008195	2, 4-HEXADIENOIC ACID ISOBUTYLAMIDE (AHP)
ASB-00012500	LUTEOLIN-7-O-GLUCOSIDE (CYNAROSIDE) (P)
ASB-00012461	LUTEOLIN (P)

White Birch

Botanical Name: *Betula pubescens*
Other Name: Downy Birch; White Birch; Hairy Birch

PART NO.	DESCRIPTION (GRADE)
ASB-00002235	BETULIN (P)
ASB-00002246	BETULINIC ACID (SH)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00008916	HYPEROSIDE (P)
ASB-00012391	LUPEOL (SH)
ASB-00016362	PYROGALLOL (RG)
ASB-00017170	QUERCITRIN (SH)
ASB-00022306	VANILLIC ACID (RG)

White Bryony

Botanical Name: *Bryonia alba*
Other Name: White Bryony

PART NO.	DESCRIPTION (GRADE)
ASB-00003916	CUCURBITACIN B (RG)
ASB-00003914	CUCURBITACIN D (SH)
ASB-00003910	CUCURBITACIN E (SH)
CALL	CUCURBITACIN E-2-O-GLUCOSIDE
ASB-00003915	CUCURBITACIN I (SH)

White Clover

Botanical Name: *Trifolium repens*
Other Name: White Clover; Black Clover; Bronze Dutch Clover; Dutch Clover; Shamrock

PART NO.	DESCRIPTION (GRADE)
ASB-00007082	GENISTEIN (AHP)

White Cypress-Pine

Botanical Name: *Callitris columellaris*
Other Name: White Cypress-Pine; Murray River Cypress-Pine; Northern Cypress-Pine

PART NO.	DESCRIPTION (GRADE)
ASB-00002356	BORNEOL, (-)- (SG)
ASB-00002357	BORNYL ACETATE (SG)
ASB-00007030	GALANGIN (SH)
ASB-00007150	GERANIOL (SG)
ASB-00011020	KAEMPFEROL (AHP)
ASB-00016940	PODOPHYLLOTOXIN (P)
ASB-00017030	QUERCETIN (AHP)
ASB-00017170	QUERCITRIN (SH)

White Dead Nettle

Botanical Name: *Lamium album*
Other Name: White Dead Nettle; White-Nettle

PART NO.	DESCRIPTION (GRADE)
ASB-00011055	ASTRAGALIN (KAEMPFEROL-3-GLUCOSIDE) (P)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00003838	COUMARIC ACID, P- (RG)
ASB-00009251	ISOFERULIC ACID (P)
ASB-00009505	ISOQUERCETIN (P)
ASB-00018430	RUTIN (AHP)
CALL	STACHYDRINE CHLORIDE
ASB-00020306	TILIROSIDE (P)
ASB-00022306	VANILLIC ACID (RG)
ASB-00022390	VERBASCOSIDE (P)

White Eclipta

Botanical Name: *Eclipta prostrata*
Other Name: False Daisy; White Eclipta; Han Lian Cao; Eclipta

PART NO.	DESCRIPTION (GRADE)
ASB-00001900	APIGENIN (P)
ASB-00003830	APIGENIN-7-GLUCOSIDE (COSMOSIIN) (P)
ASB-00004233	DEMETHYLWEDELACTONE (RG)
ASB-00012453	LUTEIN (P)
ASB-00012500	LUTEOLIN 7-GLUCOSIDE (P)
ASB-00023195	WEDELACTONE (RG)

White Fringetree

Botanical Name: *Chionanthus virginicus*
Other Name: White Fringetree; Fringe Tree; Old-mans-beard; Fringetree

PART NO.	DESCRIPTION (GRADE)
CALL	PHILLYRIN

White Hellebore

Botanical Name: *Veratrum album*
Other Name: White Hellebore; Rhizoma Veratri; Radix Hellebori Albi; European White-Hellebore

PART NO.	DESCRIPTION (GRADE)
ASB-00016316	PROTOVERATRINE A (RG)

Product Selection

White Lupine

Botanical Name: *Lupinus albus*
Other Name: White Lupine; European White Lupin

PART NO.	DESCRIPTION (GRADE)
ASB-00007082	GENISTEIN (AHP)
CALL	SPARTEINE, (-)-

White Mustard (Yellow Mustard)

Botanical Name: *Sinapis alba*
Other Name: White Mustard; Yellow Mustard

PART NO.	DESCRIPTION (GRADE)
CALL	DESULFOGLUCONAPIN
CALL	DESULFOGLUCONASTRUTIIN
CALL	DESULFOGLUCORERUCIN
CALL	DESULFOGLUCOTROPAPAEOLIN
CALL	DESULFOSINALBIN
CALL	GLUCOERUCIN
CALL	GLUCONAPIN
CALL	GLUCONASTURTIIN
ASB-00007300	GLUCOTROPAPAEOLIN (SH)
CALL	SINALBIN

White Vervain

Botanical Name: *Verbena urticifolia*
Other Name: White Vervain; White Verbena; Bur-Vine; Verveine Blanche

PART NO.	DESCRIPTION (GRADE)
ASB-00003780	CORNIN (VERBENALIN) (RG)

White Willow

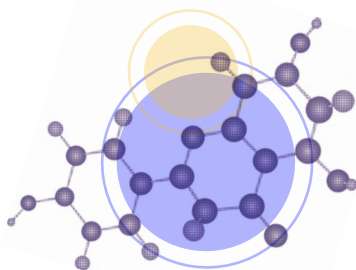
Botanical Name: *Salix alba*
Other Name: White Willow; Willow Bark; Salix; Golden Willow

PART NO.	DESCRIPTION (GRADE)
ASB-00001900	APIGENIN (P)
ASB-00003310	CATECHIN, (+)- (AHP)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00005060	ELEUTHEROSIDE B (P)
ASB-00019029	SALICIN (AHP)

Whitebark Magnolia

Botanical Name: *Magnolia obovata*
Other Name: Whitebark Magnolia; Magnolia Bark; Japanese Whitebark Magnolia; Ho-No-Ki

PART NO.	DESCRIPTION (GRADE)
ASB-00008330	HONOKIOL (P)
ASB-00013030	MAGNOLOL (SH)



Wild Angelica

Botanical Name: *Angelica sylvestris*
Other Name: Wild Angelica; Angelica Montana

PART NO.	DESCRIPTION (GRADE)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00006005	FERULIC ACID (SH)
ASB-00009070	IMPERATORIN (P)
ASB-00009526	ISOIMPERATORIN (P)
ASB-00012180	LIGUSTILIDE, Z- (AHP)
ASB-00017030	QUERCETIN (AHP)

Wild Blackberry (Bramble)

Botanical Name: *Rubus fruticosus*
Other Name: Bramble; (European, Shrubby, or Bramble) Blackberry; Wild Blackberry Complex

PART NO.	DESCRIPTION (GRADE)
ASB-00011605	KUROMANIN CHLORIDE (CYANIDIN-3-GLUCOSIDE) (SH)

Wild Garlic

Botanical Name: *Allium ursinum*
Other Name: Wild Garlic; Broad-leaved Garlic; Wood Garlic; Bear's Garlic

PART NO.	DESCRIPTION (GRADE)
ASB-00001540	ALLIIN (P)

Wild Ginger

Botanical Name: *Asarum canadense*
Other Name: Wild Ginger

PART NO.	DESCRIPTION (GRADE)
CALL	METHYLEUGENOL

Wild Indigo

Botanical Name: *Baptisia lactea*
Other Name: *Baptisia lactea*

PART NO.	DESCRIPTION (GRADE)
ASB-00009505	ISOQUERCETIN (P)
ASB-00011020	KAEMPFEROL (AHP)
ASB-00017030	QUERCETIN (AHP)
ASB-00018430	RUTIN (AHP)
CALL	SPARTEINE, (-)-

Wild Mint

Botanical Name: *Mentha longifolia*
Other Name: Wild Mint; Horsemint; Habeck Mint; Downy Mint; Mint

PART NO.	DESCRIPTION (GRADE)
ASB-00005170	ERIOCITRIN (SH)
ASB-00005375	EUCALYPTOL (SG)
ASB-00008135	HESPERIDIN (P)
ASB-00012500	LUTEOLIN 7-GLUCOSIDE (P)
ASB-00013962	MENTHOL, (-)- (P)
ASB-00017170	QUERCITRIN (SH)

Product Selection

Wild Mustard

Botanical Name: *Brassica oleracea*
Other Name: Cabbage; Kohlrabi

PART NO.	DESCRIPTION (GRADE)
CALL	CYANIDIN-3-SOPHOROSIDE-5-GLUCOSIDE
CALL	DESULFOGLUCOERUCIN
CALL	DESULFOGLUCOIBERIN
CALL	DESULFOGLUCONASTURTIIN
CALL	DESULFOGLUCORAPHANIN
CALL	DESULFOGLUCOTROPAEOLIN
CALL	DESULFOPROGOITRIN
CALL	DESULFOSINIGRIN
CALL	GLUCOERUCIN
CALL	GLUCOIBERIN
CALL	GLUCONASTURTIIN
CALL	GLUCORAPHANIN
ASB-00007300	GLUCOTROPAEOLIN (SH)
ASB-00012453	LUTEIN (P)
CALL	PROGOITRIN
ASB-00019271	SINIGRIN (SH)

Wild Parsnip

Botanical Name: *Pastinaca sativa*
Other Name: Wild Parsnip; Parsnip

PART NO.	DESCRIPTION (GRADE)
ASB-00009070	IMPERATORIN (P)
ASB-00015420	OSTHOLE (P)

Wild Radish

Botanical Name: *Raphanus raphanistrum*
Other Name: Wild Radish; Jointed-Podded Charlock; White Charlock

PART NO.	DESCRIPTION (GRADE)
CALL	DESULFOSINIGRIN
ASB-00019271	SINIGRIN (SH)

Wild Turmeric

Botanical Name: *Curcuma aromatica*
Other Name: Wild Turmeric; Yellow Zedoary; Safran Des Indes; Curcuma

PART NO.	DESCRIPTION (GRADE)
ASB-00003926	CURCUMIN (P)
ASB-00004230	DEMETHOXYCURCUMIN (P)
ASB-00004231	DEMETHOXYCURCUMIN, BIS- (P)
ASB-00005375	EUCALYPTOL (SG)

Wild Yam

Botanical Name: *Dioscorea villosa*
Other Name: Wild Yam

PART NO.	DESCRIPTION (GRADE)
ASB-00004916	DIOSGENIN (SAPOGENIN) (P)
ASB-00016310	PROTODIOSCIN (P)
ASB-00016312	PROTOGRACILLIN (P)

Willow-Leaf Gentian

Botanical Name: *Gentiana asclepiadea*
Other Name: Willow-Leaf Gentian; Willow Gentian

PART NO.	DESCRIPTION (GRADE)
ASB-00007131	GENTIOPICROSIDE (RG)
ASB-00008320	HOMOORIENTIN (ISOORIENTIN) (SH)
ASB-00009630	ISOVITEXIN (P)
ASB-00013092	MANGIFERIN (P)
ASB-00019065	SAPONARIN (SH)

Winged Prickly-Ash

Botanical Name: *Zanthoxylum armatum*
Other Name: Zanthoxylum; Winged Prickly-Ash

PART NO.	DESCRIPTION (GRADE)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00005375	EUCALYPTOL (SG)
ASB-00007150	GERANIOL (SG)
ASB-00008916	HYPEROSIDE (P)
ASB-00009505	ISOQUERCETIN (P)
ASB-00009635	ISOVITEXIN (SH)
ASB-00012235	LINALYL ACETATE
ASB-00012500	LUTEOLIN 7-GLUCOSIDE (P)
ASB-00019194	SESAMIN (P)
ASB-00022850	VITEXIN (P)

Witch Hazel

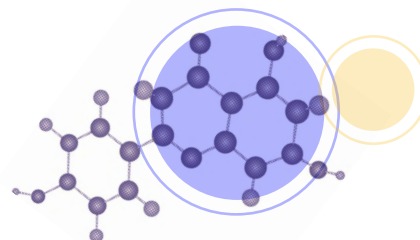
Botanical Name: *Hamamelis virginiana*
Other Name: Witch Hazel; American Witchhazel; Large-Leaved Witch Hazel

PART NO.	DESCRIPTION (GRADE)
ASB-00011055	ASTRAGALIN (KAEMPFEROL-3-GLUCOSIDE) (P)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003310	CATECHIN, (+)- (AHP)
ASB-00005135	EPICATECHIN GALLATE, (-)- (P)
ASB-00005150	EPIGALLOCATECHIN GALLATE, (-)- (P)
ASB-00007040	GALLIC ACID (P)
ASB-00008035	HAMAMELITANNIN
ASB-00009505	ISOQUERCETIN (P)
ASB-00011020	KAEMPFEROL (AHP)
ASB-00017030	QUERCETIN (AHP)
ASB-00017170	QUERCITRIN (SH)
ASB-00019345	SPIRAEOSIDE (RG)

Woad

Botanical Name: *Isatis indigotica*
Other Name: Woad

PART NO.	DESCRIPTION (GRADE)
CALL	INDIRUBIN



Product Selection

Wolf's Claw

Botanical Name: *Lycopodium clavatum*
Other Name: Wolf's Claw; Running or Stag's-Horn Clubmoss; Common Club Moss; Ground Pine

PART NO.	DESCRIPTION (GRADE)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00006005	FERULIC ACID (SH)
ASB-00022306	VANILLIC ACID (RG)

Wood Ragwort

Botanical Name: *Senecio ovatus*
Other Name: Wood Ragwort

PART NO.	DESCRIPTION (GRADE)
ASB-00017030	QUERCETIN (AHP)
ASB-00018430	RUTIN (AHP)
ASB-00019135	SENECIONINE (RG)
ASB-00019140	SENECIPHYLLIN (RG)

Wood Sage

Botanical Name: *Teucrium scorodonia*
Other Name: Wood Sage; Woodland Germander

PART NO.	DESCRIPTION (GRADE)
ASB-00012461	LUTEOLIN (P)

Woolly Burdock

Botanical Name: *Arctium tomentosum*
Other Name: Woolly Burdock

PART NO.	DESCRIPTION (GRADE)
ASB-00001977	ARCTIIN (P)

Woolly Mullein

Botanical Name: *Verbascum thapsiforme*
Other Name: Woolly Mullein; Mullein; Densetower Mullein; Wool Mullein

PART NO.	DESCRIPTION (GRADE)
ASB-00001900	APIGENIN (P)
ASB-00003830	APIGENIN-7-GLUCOSIDE (COSMOSIIN) (P)
ASB-00011085	AUCUBIN (P)
ASB-00003274	CATALPOL (SH)
ASB-00012500	LUTEOLIN 7-GLUCOSIDE (P)
ASB-00012461	LUTEOLIN (P)

Wormwood

Botanical Name: *Artemisia annua*
Other Name: Wormwood; Sweet Wormwood; Annual Wormwood

PART NO.	DESCRIPTION (GRADE)
ASB-00011014	ARTEMISSETIN (P)
ASB-00111009	ARTEMISININ (P)
ASB-00003272	CASTICIN (P)

Wormwood

Botanical Name: *Artemisia vulgaris*
Other Name: Common Wormwood; Mugwort; Wormwood

PART NO.	DESCRIPTION (GRADE)
ASB-00002356	BORNEOL, (-)- (SG)
ASB-00003272	CASTICIN (P)
ASB-00005375	EUCALYPTOL (SG)
ASB-00020287	THUJONE, ALPHA- (SH)

Xing An Sheng Ma

Botanical Name: *Cimicifuga dahurica*
Other Name: Xing An Sheng Ma; Asian Bugbane

PART NO.	DESCRIPTION (GRADE)
ASB-00001355	ACETIN (P)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00006005	FERULIC ACID (SH)
ASB-00009251	ISOFERULIC ACID (P)
ASB-00013475	METHYL CIMIGENOL XYLOSIDE, 25-0- (RG)

Yan Bai Cai

Botanical Name: *Bergenia purpurascens*
Other Name: Yan Bai Cai; Elephant's Ears

PART NO.	DESCRIPTION (GRADE)
ASB-00002230	BERGENIN (P)

Yarrow

Botanical Name: *Achillea millefolium*
Other Name: Yarrow; Gordaldo; Milfoil; Western yarrow; Soldier's Woundwort; Thousand-leaf

PART NO.	DESCRIPTION (GRADE)
ASB-00001900	APIGENIN (P)
ASB-00002357	BORNYL ACETATE (SG)
ASB-00003272	CASTICIN (P)
ASB-00003383	CHAMAZULENE (RG)
ASB-00003830	COSMOSIIN (P)
ASB-00005375	EUCALYPTOL (SG)
ASB-00012500	LUTEOLIN 7-GLUCOSIDE (P)
ASB-00012461	LUTEOLIN (P)
ASB-00018430	RUTIN (AHP)
CALL	STACHYDRINE CHLORIDE

Yellow Bells

Botanical Name: *Tecoma stans*
Other Name: Yellow Bells; Yellow Trumpet Bush; Trumpetflower; Yellow Elder

PART NO.	DESCRIPTION (GRADE)
ASB-00003838	COUMARIC ACID, P- (RG)
ASB-00008916	HYPEROSIDE (P)
ASB-00012065	LAPACHOL (RG)
ASB-00012461	LUTEOLIN (P)
ASB-00017030	QUERCETIN (AHP)

Product Selection

Yellow buckeye

Botanical Name: *Aesculus octandra*
Other Name: Yellow buckeye

PART NO.	DESCRIPTION (GRADE)
ASB-00001531	ALLANTOIN (RG)
ASB-00005259	ESCULIN (ESCULETIN-6-GLUCOSIDE) (P)

Yellow Coneflower

Botanical Name: *Echinacea paradoxa*
Other Name: Yellow Coneflower; Bush's Purple Coneflower

PART NO.	DESCRIPTION (GRADE)
ASB-00004950	DODEC-2-ENE-8,10-DIYNOIC ACID ISOBUTYLAMIDE (P)
ASB-00004951	DODECA-2(E),4(E)-DIENOIC ACID ISOBUTYLAMIDE (P)
ASB-00005020	ECHINACOSIDE (AHP)
ASB-00008195	HEXADIENOIC ACID ISOBUTYLAMIDE, 2,4- (AHP)

Yellow Elder (Yellowbells)

Botanical Name: *Tecoma stans*
Other Name: Yellow Elder; Trumpetbush; Yellowbells; Ginger-Thomas; Tronadora

PART NO.	DESCRIPTION (GRADE)
ASB-00012065	LAPACHOL (RG)

Yellow lupin

Botanical Name: *Lupinus luteus*
Other Name: Yellow lupin; European Yellow Lupine

PART NO.	DESCRIPTION (GRADE)
ASB-00012065	LAPACHOL (RG)

Yellow Star Thistle

Botanical Name: *Centaurea solstitialis*
Other Name: Golden Starthistle; Yellow Cockspur

PART NO.	DESCRIPTION (GRADE)
ASB-00003993	CYNAROPICRIN (SH)
ASB-00010050	JANERIN (SH)
ASB-00018048	REPIN (P)
ASB-00019323	SOLSTITIALIN A 13-ACETATE (P)
ASB-00019322	SOLSTITIALIN A (SH)

Yellow Sweetclover

Botanical Name: *Mellilotus officinalis*
Other Name: Yellow Sweetclover; Mellilot; Sweetclover; Official Mellilot

PART NO.	DESCRIPTION (GRADE)
ASB-00019340	SOYASAPOGENOL B (P)

Yellow Vine

Botanical Name: *Tripterygium wilfordii*
Other Name: Three-Wing-Nut; Thunder Vine; Tripterygium; Common Broad Lily Root; Lei Gong Teng

PART NO.	DESCRIPTION (GRADE)
ASB-00020485	TRIMETHOXYISOFLAVONE, 4',6,7- (RG)
KIT-00020485	TRIPTOLIDE STANDARDS KIT
ASB-00020480	TRIPTOLIDE (P)
ASB-00020481	TRIPTOLIDE, EPI- (P)
ASB-00020482	TRIPTONIDE (P)
ASB-00020483	TRIPTOPHENOLIDE (P)

Yellow-Poplar

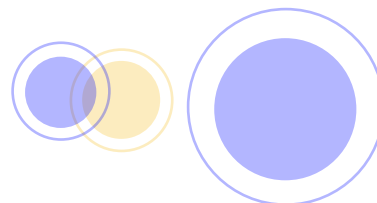
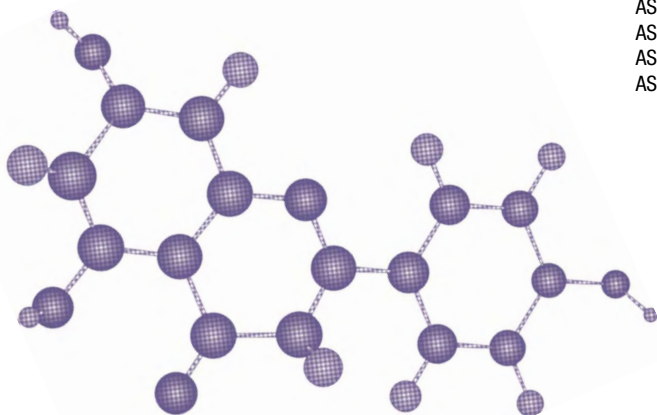
Botanical Name: *Liriodendron tulipifera*
Other Name: Yellow-Poplar; Tuliptree; Tulip Poplar; American Tulip Tree

PART NO.	DESCRIPTION (GRADE)
ASB-00011055	ASTRAGALIN (KAEMPFEROL-3-GLUCOSIDE) (P)
ASB-00002356	BORNEOL, (-) (SG)
ASB-00003825	COSTUNOLIDE (SH)
ASB-00009505	ISOQUERCETIN (P)
ASB-00016865	PINORESINOL DIGLUCOSIDE (P) (Please Call)
ASB-00018430	RUTIN (AHP)

Yerba Mate

Botanical Name: *Ilex paraguariensis*
Other Name: Paraguay Tea; South American Holly; St. Bartholomew's Tea; Jesuit's Tea; Hervea

PART NO.	DESCRIPTION (GRADE)
ASB-00003024	CAFFEIC ACID (AHP)
ASB-00003027	CAFFEINE (SH)
ASB-00003450	CHLOROGENIC ACID (AHP)
ASB-00007150	GERANIOL (SG)
ASB-00009505	ISOQUERCETIN (P)
ASB-00011020	KAEMPFEROL (AHP)
ASB-00015303	OLEANOLIC ACID (P)
ASB-00017030	QUERCETIN (AHP)
ASB-00018430	RUTIN (AHP)
ASB-00020251	THEOBROMINE (SH)



Product Selection

Yew

Botanical Name: *Taxus spp.*
Other Name: Yew Tree

PART NO.	DESCRIPTION (GRADE)
ASB-00001151	ACETYL-9-DIHYDROBACCATIN III, 13- (P)
ASB-00001121	ACETYLBACCATIN III, 7- (P)
ASB-00002004	BACCATIN III (P)
ASB-00002170	BENZYOXYMETHYLPHENYLISOSERINE ETHYLESTER, N- (P)
ASB-00002171	BENZYOXYMETHYLPHENYLISOSERINE METHYLESTER, N- (P)
ASB-00003360	CEPHALOMANNINE (P)
ASB-00004066	DEACETYLBACCATIN V, 10- (P)
ASB-00004059	DEACETYLTAXOL, 10- (P)
ASB-00004077	DEACETYLTAXOL, 7-EPI-10- (P)
ASB-00004076	DEACETYLTAXOL, 7-EPI-10-OXO-10- (P)
ASB-00005115	EPITAXOL C, 7- (P)
ASB-00005114	EPITAXOL, 2'- (P)
ASB-00008720	HYDROXYTAXOL, 3'-p- (P)
ASB-00014378	NITINE (BENZYL ANALOG OF TAXOL) (P)
ASB-00016011	PACLITAXEL C13 LABELED (P)
ASB-00016010	PACLITAXEL (P)
ASB-00020067	TAXININE M (SH)
ASB-00020070	TAXOL C (P)
ASB-00024920	XYLOTAXOL, 7- (SH)

Yin Chen Hao

Botanical Name: *Artemisia capillaris*
Other Name: Yin Chen Hao; Wormwood; Artemisiae Hb; Capillary Wormwood

PART NO.	DESCRIPTION (GRADE)
ASB-00002357	BORNYL ACETATE (SG)
ASB-00019091	SCOPOLETIN (SH)

Yohimbe

Botanical Name: *Pausinystalia yohimbe* (Syn. *Corynanthe yohimbe*)
Other Name: Yohimbe Bark

PART NO.	DESCRIPTION (GRADE)
ASB-00001492	AJMALICINE HCl (RG)
ASB-00001491	AJMALICINE (RG)
ASB-00001495	AJMALINE (RG)
ASB-00003812	CORYNANTHINE (RAUHIMBINE) (RG)
ASB-00025500	YOHIMBIC ACID (RG)
ASB-00025510	YOHIMBINE HCl (RG)
ASB-00025512	YOHIMBINE HCl, ALPHA- (RAUWOLSCINE HCl) (RG)

Zedoary

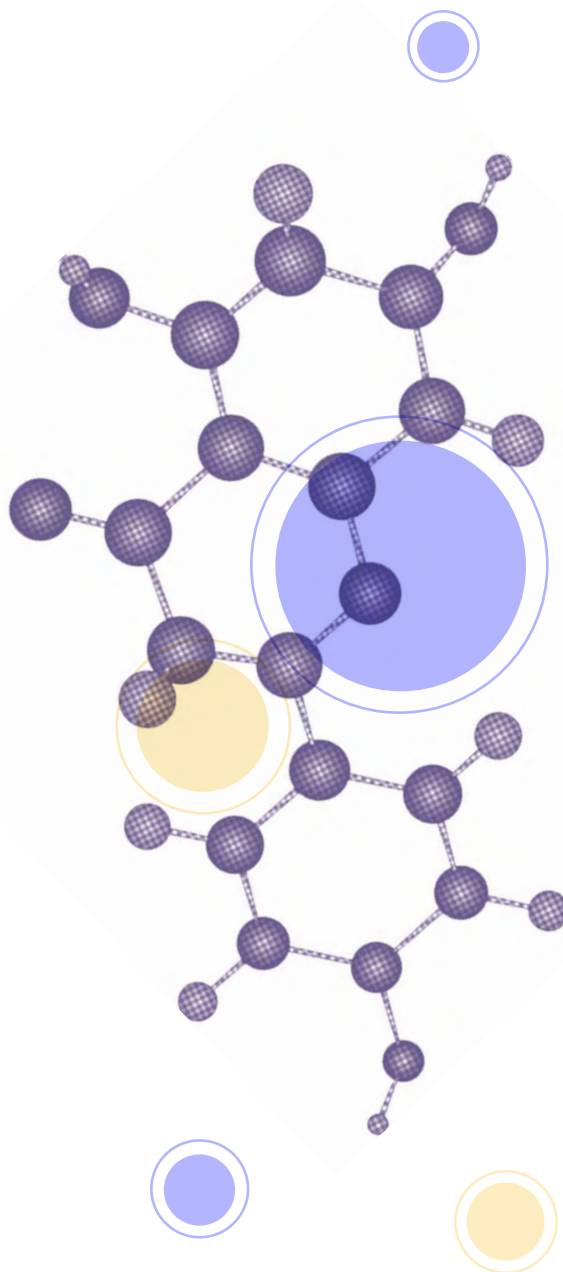
Botanical Name: *Curcuma zedoaria*
Other Name: Zedoary; Zedoary Root; White Turmeric; Zedoaire; Kua; Zitwer

PART NO.	DESCRIPTION (GRADE)
ASB-00002355	BORNEOL, (+)- (SG)
ASB-00003926	CURCUMIN (P)
ASB-00004230	DEMETHOXYCURCUMIN (P)
ASB-00004231	DEMETHOXYCURCUMIN, BIS- (P)
CALL	METHOXYCINNAMIC ACID ETHYL ESTER, P-

Zhe Bei Mu

Botanical Name: *Fritillaria thunbergii*
Other Name: Zhe Bei Mu; Fritillary; Zhejiang Fritillary; Fritillaria

PART NO.	DESCRIPTION (GRADE)
CALL	PEIMINE
CALL	PEIMININE



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- (d) ANALYSIS RESULTS ARE PREPARED AND SUPPLIED EXCLUSIVELY FOR THE USE OF BUYER AND MAY NOT BE DIVULGED TO A THIRD PARTY WITHOUT THE PRIOR WRITTEN AGREEMENT OF SELLER, WHICH CONSENT MAY BE WITHHELD BY SELLER IN ITS SOLE AND ABSOLUTE DISCRETION. IF SUCH WRITTEN CONSENT IS GIVEN BY SELLER, BUYER SHALL INDEMNIFY, DEFEND AND HOLD SELLER HARMLESS FOR ANY DAMAGES ARISING OUT OF, IN CONNECTION WITH OR RELATED TO THE DIVULGENCE OF SUCH RESULTS TO A THIRD PARTY.
- (e) EACH ANALYTICAL REPORT RELATES EXCLUSIVELY TO THE PRODUCT RECEIVED BY SELLER AS SPECIFIED IN THE WRITTEN ACCEPTANCE OF ORDER BY SELLER. SELLER ACCEPTS NO RESPONSIBILITY, AND BUYER SHALL HOLD SELLER HARMLESS, FOR THE WAY THE SAMPLE WAS COLLECTED, STORED OR DELIVERED TO SELLER UNLESS SELLER HAS SPECIFICALLY AGREED IN WRITING TO UNDERTAKE SUCH TASKS ITSELF.
- (f) SELLER ACCEPTS NO RESPONSIBILITY, AND BUYER SHALL HOLD SELLER HARMLESS, FOR ANY LOSS OR DAMAGE THAT MAY OCCUR TO ANY SAMPLE IN TRANSIT. BUYER WILL AT ALL TIMES BE LIABLE FOR THE SECURITY, PACKAGING, AND INSURANCE OF THE SAMPLE FROM ITS DISPATCH UNTIL IT IS DELIVERED TO THE OFFICE OR LABORATORIES OF SELLER. SELLER WILL USE COMMERCIALY REASONABLE CARE IN HANDING AND STORING SAMPLES, BUT SELLER SHALL NOT BE HELD RESPONSIBLE, AND BUYER SHALL HOLD SELLER HARMLESS, FOR ANY LOSS OR DESTRUCTION OF SAMPLES EVEN AFTER THEIR RECEIPT AT ITS LABORATORIES.
- (g) BUYER WARRANTS AND REPRESENTS TO SELLER THAT ALL SAMPLES TO BE SENT TO SELLER FOR ANALYSIS SHALL BE IN A SAFE AND STABLE CONDITION AND BUYER SHALL INDEMNIFY, DEFEND AND HOLD SELLER HARMLESS FOR ANY AND ALL DAMAGES WHICH SELLER MAY SUFFER AS A RESULT OF ANY SAMPLE NOT BEING IN A SAFE OR STABLE CONDITION, NOTWITHSTANDING THAT BUYER MAY HAVE GIVEN AN INDICATION ON THE SAMPLE OR ANY ORDER FORM OF ANY PERCEIVED PROBLEM WITH THE SAMPLE.
9. **Sample Storage.** Samples will be destroyed by Seller 30 days after the analysis has been completed by Seller. If Buyer desires a sample to be retained by Seller, Buyer must so request in writing, in which case the terms on which the sample will be retained must be agreed in writing between Seller and Buyer. In the absence of such mutual agreement, Seller shall have no obligation to retain the sample.
10. **LIMITATION OF LIABILITY.** TO THE FULLEST EXTENT PERMITTED BY LAW, THE PARTIES WAIVE AND RELINQUISH ANY CLAIMS, DEMANDS, AND CAUSES OF ACTION OR RECOVERIES FOR PUNITIVE DAMAGES, EXEMPLARY DAMAGES, OR STATUTORY DAMAGES. IN NO EVENT WILL SELLER BE LIABLE FOR INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING UNDER THIS AGREEMENT OR OTHERWISE WITH RESPECT TO THE SALE OF THE PRODUCTS OR PROVISION OF SERVICES, INCLUDING ANY LOST REVENUES OR PROFITS, CONSEQUENTIAL AND/OR INCIDENTAL DAMAGES, BUSINESS INTERRUPTION OR DAMAGE TO BUSINESS REPUTATION, REGARDLESS OF THE THEORY UPON WHICH ANY CLAIM MAY BE BASED, INCLUDING ANY TORT OR STATUTORY CAUSES OF ACTION, NOTWITHSTANDING THE TERMS OF ANY LIMITED WARRANTY, AND/OR IN THE EVENT ANY LIMITED WARRANTY PROVIDED TO BUYER FAILS OF ITS ESSENTIAL PURPOSE, IN NO EVENT WILL SELLER'S ENTIRE LIABILITY TO BUYER (IN TORT, CONTRACT, FOR INTELLECTUAL PROPERTY INFRINGEMENT, OR OTHERWISE) EXCEED THE PURCHASE PRICE ACTUALLY PAID BY BUYER FOR THE PRODUCTS AND/OR SERVICES SUBJECT TO THE CONTRACT OR AGREEMENT IN DISPUTE, OR ANY DEFECTIVE OR NONCONFORMING PORTION THEREOF, WHICHEVER IS THE LESSER AMOUNT. BOTH PARTIES UNDERSTAND AND AGREE THAT THIS LIMITATION OF LIABILITY ALLOCATES RISK OF NONCONFORMING GOODS BETWEEN THE PARTIES AS AUTHORIZED BY THE UNIFORM COMMERCIAL CODE AND OTHER APPLICABLE LAW. THE PRICE OF THE PRODUCTS AND SERVICES REFLECTS THIS ALLOCATION OF RISK AND THE LIMITATIONS OF LIABILITY, INCLUDING THE EXCLUSION OF SPECIAL, INDIRECT, CONSEQUENTIAL AND INCIDENTAL DAMAGES, IN THIS AGREEMENT.
11. **Default.** The failure of Buyer to perform any obligation hereunder, the failure to materially perform any other agreements between Buyer and Seller, or Buyer's bankruptcy, insolvency, fraud or inability to pay its debts as they mature, shall constitute a default under this Agreement and shall, in addition to any other remedies at law or in equity, afford Seller, among other remedies, all of the remedies of a secured party under the applicable Uniform Commercial Code. In the event of such default, Seller may, in addition to pursuing any of the remedies provided by law, equity or as set forth in this Agreement, refuse to provide warranty, repair and/or maintenance Service and/or deliver Products under this or any Service or maintenance agreement relating to the Products, and may also cancel this Agreement and any pending orders without liability to Buyer. In the event of default, Seller may also, without limiting its other remedies, terminate this Agreement and apply any and all payments received hereunder or otherwise from Buyer to any damages that Seller may have as a result of the breach of this Agreement or otherwise. To the fullest extent permitted by law, all of Seller's rights and remedies under this Agreement shall be cumulative and not exclusive.
12. **Reservation of Rights:** The sale of Products and Services covered by this Agreement shall not confer upon Buyer any license or right under any patents, trade secrets or other proprietary information owned or controlled by Seller, or the right to otherwise utilize such proprietary information, it being specifically understood and agreed that all such rights are reserved to Seller.
13. **Waiver and Severability.** No claim or right arising out of a breach of this Agreement can be discharged in whole or in part by a waiver or renunciation of the claim or right unless the waiver or renunciation is supported by consideration and is in writing signed by the aggrieved party. If any term, covenant, warranty, remedy or condition of this Agreement, or the application thereof to any person or circumstance shall, to any extent, be held or deemed invalid or unenforceable, the remainder of this Agreement or the application of such term, covenant or provision, to persons or circumstances other than those to which it is held invalid or unenforceable, shall not be affected thereby, and each remaining term, covenant or provision of this Agreement shall be deemed valid and enforced to the fullest extent permitted by law.
14. **Force Majeure.** Seller shall have no liability or obligation to Buyer of any kind, including, but not limited to, any obligation to deliver Products or provide Services, arising from any delay or failure to perform all or any part of this Agreement as a result of causes, conduct or occurrences beyond Seller's reasonable control, including, but not limited to, commercial impracticability, fire, flood, earthquake, lightning, storm, accidents, act of war, terrorism, civil disorder or disobedience, act of public enemies, problems associated with transportation (including car or truck shortages), shortages of energy or raw materials, acts or failure to act of any state, federal or foreign governmental or regulatory authorities, labor disputes, strikes, or failure of suppliers to make timely deliveries of materials, goods or services to Seller.
15. **Indemnification.** To the fullest extent permitted by law, Buyer shall defend, indemnify and hold Seller harmless from any and all claims, demands, subrogation claims by third parties, including Buyer's insurers, causes of action, controversy, liabilities, fines, regulatory actions, seizures of Product, losses, costs, expenses (including, but not limited to attorneys' fees, expert witness expenses and litigation expenses) (hereinafter "Claim"), arising from or in connection with any Claim asserted against Seller for any damage, environmental liability, patent or intellectual property infringement caused by Buyer's use, modification or alteration of the Products, injury, death, loss, property damage, delay or failure in delivery of Seller's Products or any other Claim, whether in tort, contract, breach of warranty or otherwise, relating to this Agreement, the business relationship between the parties, the Products or Services provided hereunder, or Buyer's breach of this Agreement. Notwithstanding the foregoing, Buyer has no indemnity obligation to Seller to the extent that any Claims result from the gross negligence of Seller. Buyer, for itself and its insurers, expressly waives any and all limitations or liability caps, if any, on Buyer's contribution liability to Seller, and any and all statutory or common law lien rights or Claims against Seller arising from any applicable workers compensation or disability acts, which Buyer might or could assert against Seller or Seller's insurers in the event of the personal injury or death of Buyer's employees, representatives or servants. Without limiting the foregoing, Buyer, for itself and its insurers, also waives any liens, Claims or other rights it may have as a result of being subrogated to any rights of its employees, representatives or servants.
16. **Relationship.** The relationship between Seller and Buyer shall be that of independent contractors and neither party, its agents and employees, shall under no circumstances be deemed the employees, distributors, franchisees, agents or representatives of the other party.
17. **Assignment and Modification.** The rights and obligations of Buyer under this Agreement shall not be assignable with the prior written consent of Seller. This Agreement shall not be modified, altered or amended in any respect except by a writing signed by the parties. Any variation, modification or addition to the terms set forth in this Agreement shall be considered a material modification and shall not be considered part of this Agreement.
18. **Governing Law.** This Agreement and all claims and causes of action shall be governed by and subject to the internal laws (exclusive of the conflicts of law provisions) and decisions of the courts of the State of California. The sole and exclusive venue for all claims and causes of action between the parties shall be the state or federal court located in Orange County, California.

General Information

ChromaDex General Information

ORDERING FROM CHROMADEX

You can open an account and order immediately from ChromaDex, provided you have a credit card available to prepay for your first order. ChromaDex processes Visa, Master and American Express cards. The ChromaDex Service Representative will take all the necessary shipping and billing details along with your order. If you are placing a request for services, we normally ask for the payment up front, or we base the prepayment on your ChromaDex credit status. If you would like to pay by invoice on net 30 terms, then an appropriate account will need to be set up. Please contact us for the necessary forms. The information you provide is then validated, and your new account will be set up within ten working days. You will then start establishing your ChromaDex credit status.

USE OF CHROMADEX PRODUCTS

ChromaDex reference materials and other associated products are intended primarily for quality control, research, and development purposes. Unless otherwise stated on product labels, in the ChromaDex catalog, or in other literature furnished to the Customer by ChromaDex Inc, ChromaDex products should not be used for any other purposes. They should not be used for any commercial purpose, in foods, drugs, medical devices, or cosmetics for humans or animals. Chromadex products should also not be used for any in vitro diagnostic purposes.

ChromaDex does not test its products for safety and efficacy in food, drug, medical device, cosmetic, commercial or any other use, unless otherwise stated in ChromaDex literature furnished to Customer. Customer expressly represents and warrants ChromaDex that Customer will properly test, use, manufacture, and market any products purchased from ChromaDex and/or materials produced with products purchased from ChromaDex, in accordance with the practices of a reasonable person who is an expert in the field and in strict compliance with all applicable laws and regulations, now and herein after enacted. In accordance within the meaning of the Federal Food, Drug and Cosmetic Act, Customer further warrants to ChromaDex that any material produced with products from ChromaDex shall not be adulterated or misbranded, under Sections 404, 505, or 512 of the Act, or be introduced into interstate commerce.

Since ChromaDex's products are, unless otherwise stated, intended primarily for research purposes, Customer realizes they may not be on the Toxic Substances Control Act (TSCA) inventory. Customer assumes responsibility to ensure that the products purchased from ChromaDex are approved for use under TSCA, if applicable.

Customer has the responsibility to verify the hazards and to conduct and further research necessary to learn the hazards involved in using products purchased from ChromaDex. Customer also has the duty to warn it's clientele and any auxiliary personnel (such as freight handlers, etc.) of any risks involved in using or handling the products. Customer agrees to comply with instructions, if any, furnished by ChromaDex relating to the use of the products and not misuse the products in and manner. If the products purchased from ChromaDex are to be repackaged, relabeled or used as starting material or components of products, Customer will verify ChromaDex's assay of the products. No products purchased from ChromaDex shall, unless otherwise stated, be considered to be food, drugs, medical devices or cosmetics.

CHROMADEX PRICING

Prices shown are in U.S. dollars and are subject to change. Please visit us at www.chromadex.com for current prices. For products or services we guarantee written quotations for 90 days. When placing your order, please reference our quoted prices or our proforma number. If you place your order by phone, we will confirm our current price at that time.

Prices are subject to change with notice (usually on www.chromadex.com). However shipment will still be made promptly even if prices have been nominally increased. Any price reduction will be automatically applied to your invoice.

CHROMADEX RETURNS POLICY

Our Customer Service Department is available to assist you should a problem arise with your order. Please inspect your packages immediately upon receipt and notify us promptly of and damage or discrepancies. Should an item be shipped to you incorrectly, as the result of and error on our part, we will take quick and appropriate action to correct the problem.

Prior to returning any items, please contact the Customer Service Department to obtain a Return Authorization Number. Once the Return Authorization form is completed and approved, the Return Authorization Number will be issued by Customer Services along with shipping instructions. Use of the Return Authorization Form and Number will ensure the safe and proper handling of materials and enable us to expedite a resolution. Items returned without prior authorization may not be accepted. Shipment of authorized returns should be made within 30 days of the issuance of the Return Authorization Number.

We will do our best to fulfill requests to return material. However, in order to maintain the quality of our products and continue to provide competitive prices, certain items may

not be returned for credit. These items include: refrigerated or frozen products; reagents or standards that have passed their expiration date; custom or special orders; products missing labels, parts instruction manuals, books, computer software and equipment removed from their original packaging. Returns accepted for items ordered in error are subject to a 20% processing fee.

CHROMADEX DOMESTIC SHIPPING INFORMATION

All orders are shipped FOB shipping point. Transportation charges will vary with the destination, weight, and content of each shipment. Special packaging may be necessary for safe delivery of certain materials. All special packaging, administrative, and freight charges are available upon request with order entry and are indicated on our invoices. ChromaDex reserves the right to change a requested method of shipment if it does not comply with regulations or, in our judgment, will not deliver a product safely.

Any transportation and handling charges quoted or invoiced include charges in addition to actual freight costs. For collect shipments, please include your account number with your preferred carrier to ensure proper billing. For COD shipments, there is an additional charge. Back-ordered items are shipped and invoiced separately as they become available.

CHROMADEX INTERNATIONAL SHIPPING INFORMATION

The numerous regulations and restrictions that govern the international transport of chemical products make us strive to ship all orders without delay and to minimize delivery costs within these regulatory guidelines.

All orders prepared for shipment outside the USA are FOB shipping point. The volume of our international shipments results in very competitive rates from our couriers. For all orders shipped through our designated carriers, we pay the transportation and handling costs in advance. These costs are added to your invoice. You can choose other forwarders to handle your orders; however, such orders are delivered on a collect basis. Please note we will only ship our products through approved couriers such as UPS, FED Ex, DHL, or TNT.

Hazardous items and items that require dry ice for shipment incur additional charges. They are commonly shipped via air freight. Whenever possible, ChromaDex consolidates air freight to minimize shipping costs. In some instances, customs and other regulations may prevent us from doing this in your country.

Back-ordered items are shipped FOB shipping point when they become available, unless alternative instructions are provided when the original order is placed. To minimize freight costs, back-orders can be consolidated with future shipments.

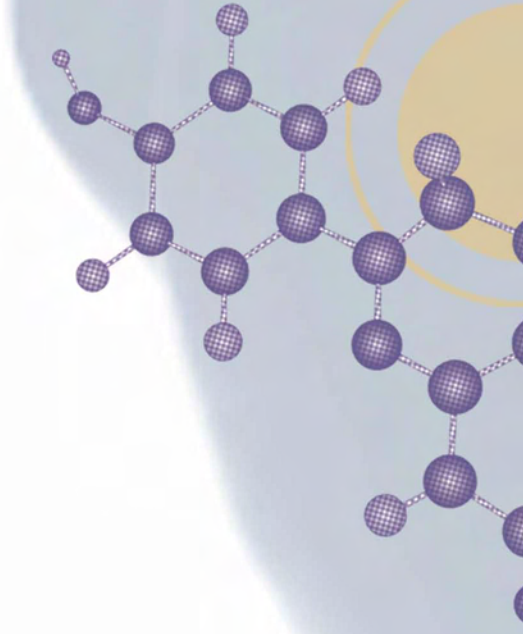
You can help us process your orders quickly and efficiently in a variety of ways:

- Include a contact name, telephone number, and a fax number on your purchase order. If you use a broker/shipping agent to clear your shipments through customs, include the broker's name, telephone number, and fax number as well.
- Consolidate your orders. Minimize the number of shipments by consolidating the products that require air freight shipment.
- Consolidate orders from different departments within your institution. We can bill individual departments separately, if necessary. Please instruct us accordingly when placing your order.
- Confirm your acceptance of air freight costs on your order.
- For collect shipments, include your account number with your designated carrier.
- Submit orders once to avoid duplication. If you place orders by mail, fax or email, it is unnecessary to send a confirmation copy. Our Service Representatives are always happy to help you with the status of your order.

CHROMADEX WET ICE/DRY ICE SHIPPING INFORMATION

Recommended long-term storage of ChromaDex refrigerated products is via one of three ways:
2-8°C Refrigerator/cooler
-20°C Freezer
-70°C Ultracold freezer at or below -70°C

Not all items requiring long-term cold storage need to be shipped in ice. Shipping conditions may differ from our recommended storage temperatures. We will ship under conditions that ensure the quality of the product. We try to estimate the amount of wet or dry ice needed, but we cannot predict time lost in Customs or on route. The customer is responsible for prompt Customs clearance. If you cannot ensure prompt Customs clearance, be sure to specify additional ice. To help prevent delays in Customs, please include name and telephone number or fax number of persons to contact upon the product's arrival.



www.chromadex.com



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