AMERICAN HERBAL PHARMACOPOEIA®

AHP-Verified™ Botanical Reference Materials

NEW! Inclusion of Potential Adulterants

In an attempt to provide more tools for industry, researchers, and regulators, the AHP-Verified BRM program is giving focus to potential adulterants that may be substituted or added to authentic materials. When ordering AHP-Verified BRMs, consider reviewing the corresponding adulterant(s) for more complete quality control analysis.

AHP Verified BRMs are sold predominantly in whole or semi-whole form.
Powdering fee $35.00 per item
To order or do not see what you need, please email mkeller@herbal-ahp.org or call 1-831-461-6335.

AHP Verified BRMs are NOT for Consumption

Botanical and plant part	Common name	5 g	10 g	20 g	Potential Adulterant(s)
Abelmoschus esculentus fruit	Okra	$124.00	$223.10	$401.25	
Acca selowiana fruit	Pineapple guava	$124.00	$223.10	$401.25	
Achillea millefolium leaf	Yarrow	$124.00	$223.10	$401.25	
Achillea millefolium flower	Yarrow	$124.00	$223.10	$401.25	
Achillea millefolium aerial	Yarrow	$124.00	$223.10	$401.25	

*** 1 day lead for preparation on overnight orders. Maximum 4 items.**

Acmella oleracea syn. *Spilanthes oleracea* aerial	Toothache plant, spilanthes	$81.80	$147.25	$264.00	
Actaea spp. rhizome	Cimicifuga (sheng ma)	$124.00	$223.10	$401.25	
Actaea racemosa rhizome	Black cohosh	$124.00	$223.10	$401.25	Chinese species of *Actaea*. See *Actaea* spp.
Actinidia deliciosa fruit	Kiwi	$124.00	$223.10	$401.25	
Adansonia digitata fruit pulp	Baobab	$157.00	$282.75	$508.00	
Adansonia digitata seed	Baobab	$157.00	$282.75	$508.00	
Agaricus bisporus fruiting body	White button mushroom	$124.00	$223.10	$401.25	
Akebia trifoliata root	Akebia (mu tong)	$157.00	$282.75	$508.00	Chinese species of *Aristolochia*. See *Aristolochia fangchi* & *Stephania tetrandra*
Albizia julibrissin bark	Silk tree (he huan pi)	$124.00	$223.10	$401.25	
Albizia julibrissin flower	Silk tree (he huan hua)	$124.00	$223.10	$401.25	
Alchemilla zanthochlora syn. *Alchemilla vulgaris* L. aerial part	Lady's mantle	$124.00	$223.10	$401.25	
Allium ameloprasum var. A. porrum leaf	Leek	$124.00	$223.10	$401.25	
Allium cepa bulb	Onion	$81.80	$147.25	$264.00	
Allium fistulosum leaf	Welsh onions	$124.00	$223.10	$401.25	
Allium sativum bulb	Garlic	$124.00	$223.10	$401.25	
Allium schoenoprasum leaf	Chives	$124.00	$223.10	$401.25	
Aloe vera inner leaf fresh *	Aloe	$150.00	$270.00	$540.00	
Aloe vera whole leaf dried	Aloe	$124.00	$223.10	$401.25	
Aloysia citriodora leaf	Lemon verbena	$124.00	$223.10	$401.25	

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Alpinia galangal rhizome	Greater galangal	$124.00	$223.10	$401.25	
Alpinia officinarum rhizome	Lesser galangal (gao liang jiang)	$124.00	$223.10	$401.25	
Althaea officinalis root	Marshmallow	$81.80	$147.25	$264.00	
Ananas comosus fruit	Pineapple	$157.00	$282.75	$508.00	
Andrographis paniculata aerial	Andrographis	$157.00	$282.75	$508.00	
Anemarrhena asphodeloides rhizome	Anemarrhena (zhi mu)	$124.00	$223.10	$401.25	
Anemopsis californica root/rhizome (out of stock)	Yerba mansa	$124.00	$223.10	$401.25	
Angelica dahurica (sun-dried) root	Fragrant angelica (bai zhi)	$124.00	$223.10	$401.25	
Angelica biserrata syn. *A. pubescens* root *F. biserrata*	Pubescent angelica (du huo)	$157.00	$282.75	$508.00	
Angelica sinensis sliced root (unsulfured, processed)	Dong quai (dang gui)	$124.00	$223.10	$401.25	Processed by cutting thin, soaking in water, pounded flat, and pressed together for aesthetics; water soluble compounds are degraded with this processing.AHP offers a range of whole roots, sliced roots, sliced and pressed roots, and body and head only.
Angelica sinensis root (sulfured)	Dong quai (dang gui)	$124.00	$223.10	$401.25	Processed by cutting thin, soaking in water, pounded flat, and pressed together for aesthetics; water soluble compounds are degraded with this processing AHP offers a range of whole roots, sliced roots, sliced and pressed roots, and body and head only.
Anethum graveolens leaf	Dill	$81.80	$147.25	$264.00	

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Anethum graveolens seed	Dill	$81.80	$147.25	$264.00	
Apium graveolens seed	Celery	$81.80	$147.25	$264.00	
Arctium lappa root	Burdock	$81.80	$147.25	$264.00	
Arctostaphylos uva ursi leaf	Uva ursi/bearberry	$81.80	$147.25	$264.00	
Aralia californica root	California spikenard	$124.00	$223.10	$401.25	
Arillus longan seed	long yan rou	$124.00	$223.10	$401.25	
Arillus longan fruit	long yan rou	$124.00	$223.10	$401.25	
Aristolochia fangchi root	fang ji	$124.00	$223.10	$401.25	This is an especially highly toxic material that can be occasionally found as a substitute for *Stephania tetrandra,* which is non-toxic.
Aristotelia chiliensis fruit	Maqui	$124.00	$223.10	$401.25	
Arnica montana flower	Arnica	$157.00	$282.75	$508.00	Commonly substituted with *Heterotheca inuloides* (false arnica, heart-leaf arnica)
Aronia melanocarpa fruit	Aronia	$157.00	$282.75	$508.00	
Artemisia vulgaris aerial	Mugwort	$124.00	$223.10	$401.25	
Artemisia absinthium aerial	Wormwood	$124.00	$223.10	$401.25	
Artemisia annua aerial	Sweet wormwood	$124.00	$223.10	$401.25	
Artemisia douglasii aerial	California mugwort	$124.00	$223.10	$401.25	
Asparagus cochinchinensis root tuber	Chinese asparagus (tian men dong)	$124.00	$223.10	$401.25	

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Asparagus officinale root	Asparagus	$81.80	$147.25	$264.00	
Asparagus officinale shoot	Asparagus	$81.80	$147.25	$264.00	
Asparagus racemosus root	Shatavari	$157.00	$282.75	$508.00	
Astragalus mongholicus syn. *A. membranaceus* root	Astragalus (huang qi)	$157.00	$282.75	$508.00	There are various grades of astragalus including wild (generally not in trade outside of China) and cultivated, roots soaked and flattened to look like yellow tongue depressors, and honey fried. Soaked and flattened roots wash water-soluble compounds away. Honey-fried astragalus is reported to lack macrophage stimulating activity. NOTE: A wide variety of grades of astragalus are traded from very poor quality to very good quality and varying grades in between. Most grading is done according to size and form, typically with larger roots considered higher quality, but not always. Some larger roots may be soaked and pressed, leaching out beneficial constituents, while smaller roots often have higher concentrations of secondary immunomodulating compounds. AHP offers a range of astragalus root BRMs for comparative testing.
Astragalus mongholicus syn. *A. membranaceus* root (honey fried)	Astragalus (huang qi)	$157.00	$282.75	$508.00	There are various grades of astragalus including wild (generally not in trade outside of China) and cultivated, roots soaked and

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					flattened to look like yellow tongue depressors, and honey fried. Soaked and flattened roots wash water-soluble compounds away. Honey-fried astragalus is reported to lack macrophage stimulating activity. NOTE: A wide variety of grades of astragalus are traded from very poor quality to very good quality and varying grades in between. Most grading is done according to size and form, typically with larger roots considered higher quality, but not always. Some larger roots may be soaked and pressed, leaching out beneficial constituents, while smaller roots often have higher concentrations of secondary immunomodulating compounds. AHP offers a range of astragalus root BRMs for comparative testing.
Asclepias tuberosa root	Pleurisy root, butterfly weed	$124.00	$223.10	$401.25	
Atractylodes macrocephala rhizome	Bai-zhu atractylodes (bai zhu)	$124.00	$223.10	$401.25	
Avena sativa straw	Oats	$81.80	$147.25	$264.00	
Avena sativa tops	Oats	$81.80	$147.25	$264.00	
Azadirachta indica leaf	Neem	$157.00	$282.75	$508.00	
Bacopa monnieri aerial	Bacopa (brahmi)	$124.00	$223.10	$401.25	*Centella asiatica* shares the common Ayurvedia name *brahmi*. Some suppliers provide *Centella* as *brahmi* See *Centella asiatica*. The

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					government of India considers *Bacopa* as the authentic *brahmi*.
Ballota nigra aerial	Black horehound	$124.00	$223.10	$401.25	
Berberis aquifolium rhizome and root	Oregon grape	$124.00	$223.10	$401.25	Different species of *Berberis* can be traded as 'Oregon grape root'. The species are interchangeable and contain berberine.
Berberis nervosa root	Oregon grape	$124.00	$223.10	$401.25	Different species of *Berberis* can be traded as 'Oregon grape root'. The species are interchangeable and contain berberine.
Berberis vulgaris root	Barberry	$124.00	$223.10	$401.25	
Beta vulgaris subsp *vulgaris* (Canditiva Group) leaf	Beet greens	$81.80	$147.25	$264.00	
Beta vulgaris subsp *vulgaris* (Canditiva Group) root	Beet	$81.80	$147.25	$264.00	
Beta vulgaris root juice w/25% alcohol	Beet	29 ml $124.00	59 ml $233.10	118 ml $401.25	
Beta vulgaris subsp *vulgaris* (Flavescens Group) leaf	Swiss Chard	$81.80	$147.25	$264.00	
Bixa orellana seed	Annatto	$124.00	$223.10	$401.25	
Borago officinalis leaf	Borage	$81.80	$147.25	$264.00	
Boswellia serrata resin	Indian frankincense	$157.00	$282.75	$508.00	Different resins are used in commercial trade as 'boswellia'.
Brassica oleracea var. *acephala* leaf	Kale	$81.80	$147.25	$264.00	
Brassica oleracea var. *botrytis* flower head	Cauliflower	$81.80	$147.25	$264.00	
Brassica oleracea var. *capitata* Leaf	Cabbage	$81.80	$147.25	$264.00	
Brassica oleracea var. *gemmifera* leaf bud	Brussels sprout	$81.80	$147.25	$264.00	

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Brassica oleracea var. *italica* flower bud	Broccoli	$81.80	$147.25	$264.00	
Brassica rapa subsp. *rapa* root	Turnip	$81.80	$147.25	$264.00	
Buglossoides arvensis seed	Ahiflower	$157.00	$282.75	$508.00	
Calendula arvensis flower	Field marigold	$81.80	$147.25	$264.00	
Calendula officinalis flower	Calendula	$81.80	$147.25	$264.00	
Camellia sinensis leaf	Green tea	$124.00	$223.10	$401.25	Green tea is highly varied based on growing conditions, regions, and processing. Many green tea extracts are artificially supplemented with pure catechins
Capsicum annuum var. *annuum* fruit	Chili pepper (cayenne)	$124.00	$223.10	$401.25	*Capsicum annuum* is highly varied
Capsicum chinense (HOC 2000) fruit	Chili pepper (habanero)	$124.00	$223.10	$401.25	
Carica papaya fruit	Papaya	$81.80	$147.25	$264.00	Fruits may be traded in their entirety including seeds, or fruit alone. See *Carica papaya* seeds
Carica papaya seeds	Papaya	$124.00	$147.25	$264.00	
Carthamus tinctorius flower	Safflower	$124.00	$223.10	$401.25	
Carum carvi fruit	Caraway	$81.80	$147.25	$264.00	
Carya illinoinensis seed	Pecans	$81.80	$147.25	$264.00	
Caulophyllum gigantium root/rhizome	Blue cohosh	$124.00	$223.10	$401.25	
Caulophyllum thalictroides root/rhizome	Blue cohosh	$124.00	$223.10	$401.25	
Cedrus deodara bark	Cedar	$157.00	$282.75	$508.00	
Centella asiatica aerial	Gotu kola (mandukaparni)	$124.00	$223.10	$401.25	*Centella asiatica* shares the common Ayurvedic name *brahmi*.

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					With *Bacopa* monnieri. Some suppliers provide *Centella*as *brahmi* See *Bacopa monnieri*
Cephaelis ipecacuanha bark	Ipecac	$124.00	$223.10	$401.25	
Chamamelum nobile flower	Roman chamomile	$124.00	$223.10	$401.25	Due to the shared common name of 'chamomile', *Chamamelum nobile* flowers may inadvertently substitute *Matricaria recutita* (German chamomile). See *Matricaria recutita*
Chelidonium majus aerial	Celandine	$81.80	$147.25	$264.00	
Chenopodium quinioa seed	Quinioa	$81.80	$147.25	$264.00	
Chrysanthemum morifolium large white flower	Chrysanthemum (bo ju hua)	$124.00	$223.10	$401.25	There are different cultivars of *Chrysanthemum* traded and are distinguished by their common Chinese names of *boju, chuju, gongju, and hangju* according to their origin, but all of which may be referred to as *juhua*. These four species are considered acceptable in the Pharmacopoeia of the People's Republic of China. Some varieties are yellow, others are white and some differ in size
Chrysanthemum morifolium yellow flower	Chrysanthemum (hang ju hua)	$124.00	$223.10	$401.25	
Chrysanthemum indicum flower (small white flower)	Wild chrysanthemum (ye ju hua)	$124.00	$223.10	$401.25	
Cichorium intybus root	Chicory	$124.00	$223.10	$401.25	*Cichorium intybus* can be traded raw or roasted. See *Cichorium intybus* roasted

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Cinchona spp. bark	Cinchona	$124.00	$223.10	$401.25	
Cinnamomum burmannii bark	Padang cassia	$157.00	$282.75	$508.00	Cinnamon barks are consistently mixed in trade. The two primary types a *Cinnamomum* and *Cassia* types. The *Cinnamomum* types are delicately sweeter than *cassia* types, while *Cassia* types exhibit more heat due to a higher content of cinnamaldehyde. Different regions prefer different types. The species can be differentiated chemically with HPTLC, HPLC, LC-MS, and GC-MS
Cinnamomum aromaticium syn. *C. cassia* bark	Cassia (rou gui)	$157.00	$282.75	$508.00	Cinnamon barks are consistently mixed in trade. The two primary types a *Cinnamomum* and *Cassia* types. The *Cinnamomum* types are delicately sweeter than *cassia* types, while *Cassia* types exhibit more heat due to a higher content of cinnamaldehyde. Different regions prefer different types. The species can be differentiated chemically with HPTLC, HPLC, LC-MS, and GC-MS
Cinnamomum aromaticum syn. *C. cassia* bark twig	Cassia (gui zhi)	$157.00	$282.75	$508.00	Cinnamon barks are consistently mixed in trade. The two primary types a *Cinnamomum* and *Cassia* types. The *Cinnamomum* types are delicately sweeter than *cassia* types, while *Cassia* types exhibit more heat due to a higher content of cinnamaldehyde. Different regions

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					prefer different types. The species can be differentiated chemically with HPTLC, HPLC, LC-MS, and GC-MS
Cinnamomum verum bark	Cinnamon	$157.00	$282.75	$508.00	Cinnamon barks are consistently mixed in trade. The two primary types a *Cinnamomum* and *Cassia* types. The *Cinnamomum* types are delicately sweeter than *cassia* types, while *Cassia* types exhibit more heat due to a higher content of cinnamaldehyde. Different regions prefer different types. The species can be differentiated chemically with HPTLC, HPLC, LC-MS, and GC-MS
Cirsium japonicum aerial	Japanese thistle	$157.00	$282.75	$508.00	
Cissus quadrangularis stem	Winged treebine	$124.00	$223.10	$401.25	
Cistanche deserticola, prepared stem	Cistanches (rou cong rong)	$124.00	$223.10	$401.25	*Cistanches* is sometimes used as an adulterant of echinaea species extract as it contains isobutylamides as does echincaes. Cistanches is a CITES-protected species.
Citrullus lanatus fruit	Watermelon	$124.00	$223.10	$401.25	
Citrus aurantifolia fruit	Key lime, Mexican lime	$124.00	$223.10	$401.25	
Citrus x *aurantium* fruit	Bitter orange	$124.00	$223.10	$401.25	
Citrus bergamia fruit	Bergamot orange	$124.00	$223.10	$401.25	

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Citrus hystrix leaf	Makrut, Thai leaf	$124.00	$223.10	$401.25	
Citrus hystrix fruit	Makrut, Thai lime	$124.00	$223.10	$401.25	
Citrus x latifolia fruit	Persian lime, Bearss lime	$124.00	$223.10	$401.25	
Citrus x *limon* fruit	Lemon	$81.80	$147.25	$264.00	
Citrus x *limon* leaf	Lemon	$124.00	$223.10	$401.25	
Citrus x limon peel	Lemon	$124.00	$223.10	$401.25	
Citrus x microcarpa fruit	Calamansi, Calamondin lime	$124.00	$223.10	$401.25	
Citrus x microcarpa fruit juice *w/ 25% alcohol*	Calamansi, Calamondin lime	29 ml $124.00	59 ml $233.10	118 ml $401.25	
Citrus x paradisi fruit	Grapefruit	$81.80	$147.25	$264.00	
Citrus x *paradisi* peel	Grapefruit	$81.80	$147.25	$264.00	
Citrus reticulata peel	Tangerine	$81.80	$147.25	$264.00	
Citrus reticulata fruit	Tangerine	$81.80	$147.25	$264.00	
Citrus sinensis fruit	Sweet orange	$81.80	$147.25	$264.00	
Citrus sinensis leaf	Sweet orange	$124.00	$223.10	$401.25	
Citrus sinensis peel	Sweet orange	$124.00	$223.10	$401.25	
Cnicus benedictus aerial	Blessed thistle	$81.80	$147.25	$264.00	
Cnidium monnieri seed	Cnidium (she chuang zi)	$124.00	$223.10	$401.25	
Cocos nucifera fruit flesh	Coconut	$81.80	$147.25	$264.00	
Codonopsis pilosula root (type: beige to brown)	Codonopsis (dang shen)	$124.00	$223.10	$401.25	There are a variety of grades, primarily based on size and types and color. NOTE: Codonopsis is typically graded by size with larger roots considered superior to smaller.

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					AHP offers various sizes for comparative testing.
Coffea arabica seed	Green coffee	$124.00	$223.10	$401.25	
Coix lacryma-jobi var. *ma-yuen* seed	Job's tears (yi yi ren)	$124.00	$223.10	$401.25	
Cola nitida seed	Kola	$124.00	$223.10	$401.25	
Coleus forskohlii syn. *Coleus barbatus* syn. *Plectranthus barbatus* root	Coleus	$124.00	$223.10	$401.25	
Collinsonia canadensis root	Stoneroot	$124.00	$223.10	$401.25	
Commiphora mukul resin	Guggul	$157.00	$282.75	$508.00	
Coptis chinensis rhizome	Coptis (huang lian)	$124.00	$223.10	$401.25	
Coriandrum sativum fruit	Coriander	$81.80	$147.25	$264.00	
Coriandrum sativum leaf	Cilantro	$81.80	$147.25	$264.00	
Cornus officinalis fruit	Asiatic dogwood (shan zhu yu)	$124.00	$223.10	$401.25	
Corydalis yanhusuo tuber/rhizome	Corydalis (yan hu suo)	$124.00	$223.10	$401.25	
Crataegus monogyna berry	Hawthorn	$81.80	$147.25	$264.00	*Crataegus* species are notoriously difficult to identify even for trained botanists and the species readily hybridize.
Crataegus monogyna leaf/flower (Spring 2026)	Hawthorn	$81.80	$147.25	$264.00	*Crataegus* species are notoriously difficult to identify even for trained botanists and the species readily hybridize.
Crataegus pinnatifida fruit	Chinese hawthorn (shan zha)	$124.00	$223.10	$401.25	

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Crocus sativus stigma	Saffron	**500 mg** $157.00	**1,000 mg** $282.75	**1,500 mg** $314.16	*Crocus* is the most adulterated spice on earth with numerous adulterants and contaminants including other species of plants (e.g., safflower, calendula flowers); in extracts *Gardenia* fruits; dyes other colorants, and meat threads.
Cucumis melo fruit	Cantaloupe	$81.80	$147.25	$264.00	
Cucumis melo fruit juice 25% alcohol	Cantaloupe	$124.00	$223.10	$401.25	
Cucumis sativa fruit	Cucumber	$81.80	$147.25	$264.00	
Cucurbita pepo seed (Styrian hulless)	Pumpkin	$81.80	$147.25	$264.00	
Cucurbita pepo fruit	Pumpkin	$124.00	$223.10	$401.25	
Cucurbita pepo seed	Pumpkin	$81.80	$147.25	$264.00	
Cullen corylifolium syn. *Psoralea corylifolia* fruit	Psoralea (bu gu zhi)	$124.00	$223.10	$401.25	
Cuminum cyminum fruit	Cumin	$81.80	$147.25	$264.00	
Curcuma longa rhizome	Turmeric	$124.00	$223.10	$401.25	
Curcuma longa rhizome sliced unpeeled	Turmeric	$157.00	$282.75	$508.00	
Cymbopogon citratus leaf	West Indian lemongrass	$157.00	$282.75	$508.00	Different species of *Cymbopogon* are used as ‘lemon grass’ and are interchangeable.
Cymbopogon flexuosus leaf	East Indian lemongrass	$157.00	$282.75	$508.00	Different species of *Cymbopogon* are used as ‘lemon grass’ and are interchangeable.
Cynara cardunculus syn. *C. scolymus* leaf	Artichoke	$81.80	$147.25	$264.00	

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Cynomorium songaricum stem	Cynomorium (suo yang)	$124.00	$223.10	$401.25	
Cyperus rotundus rhizome	Cyperus (xiang fu)	$124.00	$223.10	$401.25	
Daucus carota root	Carrot	$81.80	$147.25	$264.00	
Digitalis lanata	Grecian foxglove	*$157.00 $*	*$282.75*	*$508.00*	
Dioscorea polystachya syn. *D. batatas* (unsulfured)	Shan Yao	$124.00	$223.10	$401.25	Can occur either sulfered or unsulphured NOTE: Chinese yam is typically graded according to size and may be sulfured or unsulfured. AHP offers varying sizes and both sulfured and unsulfured for comparative testing.
Dioscorea villosa root	Wild yam	$124.00	$223.10	$401.25	
Diospyros kaki fruit	Japanese persimmon	$124.00	$223.10	$401.25	
Dipsacus asperoides root	Sichuan/Himalayan teasel (xu duan)	$124.00	$223.10	$401.25	
Echinacea angustifolia herb	Echinacea angustifolia	$157.00	$282.75	$508.00	
Echinacea angustifolia root	Echinacea angustifolia	$157.00	$282.75	$508.00	
Echinacea pallida root	Echinacea pallida	$157.00	$282.75	$508.00	
Echinacea purpurea aerial	Echinacea purpurea	$81.80	$147.25	$264.00	
Echinacea purpurea root	Echinacea purpurea	$124.00	$223.10	$401.25	
Echinacea purpurea seed	Echinacea purpurea	$157.00	$282.75	$508.00	
Eclipta prostrata syn. *E. alba* aerial	Eclipta (false daisy)	$81.80	$147.25	$264.00	

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Eleutherococcus senticosus root/rhizome/stem	Eleuthero (Siberian ginseng); ci wu jia	$157.00	$282.75	$508.00	
Elletaria cardamomum fruit	Cardamom	$124.00	$223.10	$401.25	
Elymus repens root	Couch grass	$124.00	$223.10	$401.25	
Ephedra torreyana stem	Torrey's joint fir	$157.00	$282.75	$508.00	
Ephedra viridis stem	Mormon tea	$157.00	$282.75	$508.00	
Epimedium spp. leaf	Epimedium (yin yang huo)	$124.00	$223.10	$401.25	There are at least five different species of *Epimedium* traded as the Chinese herb y*in yang huo*: *E. brevicorum, E. sagittatum, E. pubescens, E. koreanum* as well as *E. wuhanensis* as Wushan yinyanghuo. While there are distinct morphological characters for each species, in trade, species are often mixed and difficult or impossible to distinguish. Note that we provide this as *Epimedium* spp. to reflect this difficulty.
Equisetum arvense aerial	Horsetail	$124.00	$223.10	$401.25	*Equisetum* species are often not accurately named or may consist of mixed species.
Equisetum hyemale aerial	Scouring rush	$124.00	$223.10	$401.25	*Equisetum* species are often not accurately named or may consist of mixed species.
Equisetum telmateia aerial	Giant horsetail	$124.00	$223.10	$401.25	*Equisetum* species are often not accurately named or may consist of mixed species.

*** 1 day lead for preparation on overnight orders. Maximum 4 items.**

Eriobotrya japonica leaf	Loquat	$81.80	$147.25	$264.00	
Eriobotrya japonica fruit	Loquat	$124.00	$223.10	$401.25	
Eriodictyon californicum leaf	Yerba Santa	$81.80	$147.25	$264.00	
Eschscholzia californica aerial	California poppy	$81.80	$147.25	$264.00	
Eucalyptus globulus leaf	Eucalyptus	$81.80	$147.25	$264.00	
Eucommia ulmoides bark (thin)	Eucommia (du zhong)	$124.00	$223.10	$401.25	There are two primary forms of *Eucomia* traded; material with thin or think bark. Thin bark is generally younger or may be rasped; thick bark is older and more corky. Either may be sliced revealing the inner white fibers or not.
Eucommia ulmoides bark (thick)	Eucommia (du zhong)	$124.00	$223.10	$401.25	There are two primary forms of *Eucomia* traded; material with thin or think bark. Thin bark is generally younger or may be rasped; thick bark is older and more corky. Either may be sliced revealing the inner white fibers or not.
Eupatorium perfoliatum herb	Boneset	$81.80	$147.25	$264.00	
Euryale ferox seed	Euryale	$124.00	$223.10	$401.25	
Eutrema japonica rhizome	Wasabi	$157.00	$282.75	$508.00	
Eutrema japonica aerial	Wasabi	$157.00	$282.75	$508.00	
Eutrochium purpureum syn. *Eupatorium purpureum* root	Gravel root	$124.00	$223.10	$401.25	
Ficus carica fruit	Fig	$124.00	$223.10	$401.25	

*** 1 day lead for preparation on overnight orders. Maximum 4 items.**

Foeniculum vulgare fruit (seed)	Fennel	$81.80	$147.25	$264.00	
Forsythia suspensa fruit	Forsythia (lian qiao)	$124.00	$223.10	$401.25	
Fragaria x *ananassa* fruit	Strawberry	$124.00	$223.10	$401.25	
Fouquieria splendens stem	Ocotillo	$157.00	$282.75	$508.00	
Fouquieria splendens leaf	Ocotillo	Out o	$282.75	$508.00	
Frangula purshiana syn. *Rhamnus purshiana* bark	Cascara sagrada	$124.00	$223.10	$401.25	
Fritillaria cirrhosa bulb unsulfured	Sichuan fritillary (song bei)	$124.00	$223.10	$401.25	
Fritillaria thunbergii bulb	Zhejiang fritillary (zhe bei mu)	$124.00	$223.10	$401.25	
Fucus gardneri thallus (brown algae)	Rockweed /bladderwrack	$124.00	$223.10	$401.25	
Galega officinalis aerial	Goat's rue	$124.00	$223.10	$401.25	
Galium aparine aerial	Cleavers	$81.80	$147.25	$264.00	
Ganoderma applanatum fruiting body	Artist's conk	$157.00	$282.75	$508.00	
Ganoderma lingzhi (*G. lucidum, G. sichuanense*) fruiting body (Taxonomic confusion: For purposes of trade, these three names should be considered synonymous, though *G. lucidum* is a European species)	Reishi mushroom (red ling zhi)	$157.00	$282.75	$508.00	*Ganoderma* is a highly varied species chemically and botanically. The samples we provide were morphologically, chemically, and genetically verified as *G. sichuanense* (syn. for commerfcial purposes, *G. lingzhi, G. lucidum*).
Ganoderma sinense	Reishi, black reishi	$157.00	$282.75	$508.00	
Garcinia cambogia fruit	Garcinia	$124.00	$223.10	$401.25	
Gardenia augusta syn. *G. jasminoides* fruit	Gardenia (zhi zi)	$124.00	$223.10	$401.25	Gardenia is sometimes used as an adulterant in saffron extracts due to its crocin content.

*** 1 day lead for preparation on overnight orders. Maximum 4 items.**

Gastrodia elata rhizome	Gastrodia (tian ma)	$124.00	$223.10	$401.25	
Gentiana manshurica root & rhizome	Manchurian gentian (long dan)	$124.00	$223.10	$401.25	
Gentiana lutea root	Gentian	$124.00	$223.10	$401.25	
Gentiana macrophylla root	Gentiana qinjiao	$124.00	$223.10	$401.25	
Geranium maculatum root	Cranesbill	$124.00	$223.10	$401.25	
Ginkgo biloba leaf	Ginkgo	$81.80	$147.25	$264.00	*Styphnolobium japonicum* flower syn. *Sophora japonica*. Ginkgo extract is one of the most commonly adulterated products on the market. Raw material is usually not adulterated, but extracts routinely contain purified flavonoids (rutin, quercetin) or extracts from high flavonoid-containing botanicals e.g., *sophora.*
Glycine max seed	Soy bean	$81.80	$147.25	$264.00	
Glycyrrhiza glabra root	Licorice	$124.00	$223.10	$401.25	*Glycyrrhiza* species are frequently substituted for one another or may be mixed. At least three species are accepted in pharmacopoeial monographs and are generally used interchangeably in various herbal traditions: *G. uralensis, G. glabra, G. inflata.*
Glycyrrhiza uralensis root	Chinese Licorice	$124.00	$223.10	$401.25	*Glycyrrhiza* species are frequently substituted for one another or may be mixed. At least three species are accepted in pharmacopoeial monographs and are generally used interchangeably in various herbal traditions: *G. uralensis, G. glabra, G. inflata.*

*** 1 day lead for preparation on overnight orders. Maximum 4 items.**

Grifola frondosa fruiting body	Maitake	$124.00	$223.10	$401.25	
Grifola umbellata sclerotium	Zhu ling (zhu ling)	$124.00	$223.10	$401.25	
Gymnema sylvestre leaf	Gymnema	$124.00	$223.10	$401.25	
Hamamelis virginiana bark	Witch hazel	$157.00	$282.75	$508.00	
Handroanthus impetiginosus syn. *Tabebuia impetiginosa* inner bark powder	Pau d'arco	$157.00	$282.75	$508.00	
Harpagophytum procumbens root	Devil's claw	$157.00	$282.75	$508.00	
Harpagophytum zeyheri root	Devil's claw	$157.00	$282.75	$508.00	
Hedyotis diffusa herb	Hedyotis	$124.00	$223.10	$401.25	
Helianthus annum shelled seed	Sunflower	$124.00	$223.10	$401.25	
Helianthus tuberosus tuber	Jerusalem artichoke or sunchoke	$81.80	$147.25	$264.00	
Hedera helix aerial	English ivy	$81.80	$147.25	$264.00	
Hericium erinaceus fruiting body	Lion's mane	$124.00	$223.10	$401.25	
Hibiscus sabdariffa calyx (air dried)	Hibiscus	$157.00	$282.75	$508.00	
Hibisucs sabdariffa calyx (baked)	Hibiscus	$157.00	$282.75	$508.00	
Hippophae rhamnoides fruit	Sea buckthorn	$157.00	$282.75	$508.00	
Hoodia currorii stem	Hoodia	$157.00	$282.75	$508.00	
Hoodia gordonii stem	Hoodia	$157.00	$282.75	$508.00	
Hoodia parviflora stem	Hoodia	$157.00	$282.75	$508.00	

*** 1 day lead for preparation on overnight orders. Maximum 4 items.**

Hovenia dulcis seed	Japanese raisin tree (zhi ju zi)	$157.00	$282.75	$508.00	
Humulus lupulus strobile	Hops	$124.00	$223.10	$401.25	
Huperzia serrata syn. *Lycopodium serratum* aerial	Toothed clubmoss	$157.00	$282.75	$508.00	
Hydrangea arborescens root	Hydrangea	$124.00	$223.10	$401.25	
Hydrastis canadensis rhizome	Goldenseal	$157.00	$282.75	$508.00	Due to its high cost, there are multiple adulterants, of *Hydrastis* including; *Hydrastis* leaf, *Berberis* or *Mahonia* species, *Xanthorhiza simplicissima Rumex* root, and *Coptis* root. All except *Rumex* contain berberine, and the others additionally contain palmatine. In their unprocessed forms, these materials can be readily distinguished from one another morphologically. Chromatographically, *Hydrastis* is characterized by the presence of berberine, hydrastine, and hydrastinine and the ABSENCE of palmatine.
Hypericum perforatum aerial	St. John's wort	$124.00	$223.10	$401.25	
Ilex paraguariensis leaf (unprocessed)	Maté (yerba mate)	$124.00	$223.10	$401.25	Commercial yerba mate is typically roasted and/or fermented. Note that this BRM is unprocessed.
Illicium anisatum fruit	Shikimi	$124.00	$223.10	$401.25	
Illicium verum fruit	Star anise	$124.00	$223.10	$401.25	

*** 1 day lead for preparation on overnight orders. Maximum 4 items.**

Imperata cylindrical rhizome	Imperata (bai mao gen)	$124.00	$223.10	$401.25	
Inonotus obliquus fruiting body	Chaga	$81.80	$147.25	$264.00	
Inula helenium root	Elecampane	$81.80	$147.25	$264.00	
Inula racemosa root	Indian elecampane (pushkarmool)	$157.00	$282.75	$508.00	
Iris versicolor rhizome	Blue flag	$81.80	$147.25	$264.00	
Isatis indigotica root	Isatis (ban lan gen)	$124.00	$223.10	$401.25	
Juglans nigra hull	Black walnut	$124.00	$223.10	$401.25	
Juniperus cummunis fruit	Juniper	$124.00	$223.10	$401.25	
Laminaria digitata blade	Oarweed	$124.00	$223.10	$401.25	
Larrea tridentata leaf	Chaparral	$124.00	$223.10	$401.25	
Lavandula angustifolia flower	Lavender	$157.00	$282.75	$508.00	
Lavandula x intermedia flower	Lavandin	$157.00	$282.75	$508.00	
Lentinula edodes fruiting body	Shiitake (xiang gu)	$124.00	$223.10	$401.25	
Leonotis leonurus aerial	Lion's ear	$124.00	$223.10	$401.25	
Leonurus cardiaca aerial	Motherwort	$124.00	$223.10	$401.25	
Leonurus japonicas aerial	Chinese motherwort (yi mu cao)	$124.00	$223.10	$401.25	
Lepidium meyenii tuber (origin Chinese)	Maca	$157.00	$282.75	$508.00	The two primary sources of maca are from China and Peru. The original material is from Peru and is considered superior to that cultivated

*** 1 day lead for preparation on overnight orders. Maximum 4 items.**

					in China.
Levisticum officinale root	Lovage	$124.00	$223.10	$401.25	
Ligusticum chuanxiong rhizome	Sichuan lovage (chuan xiong)	$124.00	$223.10	$401.25	
Ligusticum Grayi root	Gray's lovage or Gray's licorice-root	$157.00	$282.75	$508.00	
Ligusticum porteri root	Osha	$157.00	$282.75	$508.00	
Lindera agreggata root	Wuyao	$124.00	$223.10	$401.25	
Linum usitatissimum seed	Flax	$81.80	$147.25	$264.00	
Litchi chinensis seed	Litchie (li zhi he)	$124.00	$223.10	$401.25	
Lobelia inflata aerial	Lobelia	$124.00	$223.10	$401.25	
Lomatium dissectum root	Lomatium	$124.00	$223.10	$401.25	
Lonicera japonica flower bud	Japanese honeysuckle	$124.00	$223.10	$401.25	
Lonicera caerulea fruit	Honeyberry, haskap	$124.00	$223.10	$401.25	
Lycium barbarum fruit	Barbary wolfberry (gou ji zi; aka goji)	$124.00	$223.10	$401.25	
Lycium chinense fruit	Barbary wolfberry (gou ji zi; aka goji)	$157.00	$282.75	$508.00	
Lycopersicum esculentum fruit	Tomato	$81.80	$147.25	$264.00	
Macadamia integrifolia/ tetraphyllya nut	Macadamia	$157.00	$282.75	$508.00	
Magnolia officinalis bark	Magnolia (hou po)	$124.00	$223.10	$401.25	
Malus pumila fruit	Apple	$81.80	$147.25	$264.00	

*** 1 day lead for preparation on overnight orders. Maximum 4 items.**

Manihot esculenta tuber	Casava, Joocka	$124.00	$223.10	$401.25	
Marrubium vulgare aerial	White horehound	$81.80	$147.25	$264.00	
Matricaria chamomilla syn. *M. recutita* flower	German chamomile	$81.80	$147.25	$264.00	Due to the shared common name of 'chamomile' *Matricaria recutita* (German chamomile) flowers may inadvertently substitute *Chamamelum nobile* (Roman chamomile). See *Chamamelum nobile*
Medicago sativa aerial	Alfalfa	$81.80	$147.25	$264.00	
Melissa officinalis leaf	Lemon balm	$81.80	$147.25	$264.00	
Mentha piperita leaf	Peppermint	$81.80	$147.25	$264.00	
Mentha spicata leaf	Spearmint	$81.80	$147.25	$264.00	
Mitchella repens leaf	Partridge berry	$124.00	$223.10	$401.25	
Morinda officinalis root	Morinda (ba ji tian)	$157.00	$282.75	$508.00	
Moringa oleifera Lam. Leaf	Horseradish tree or Drumstick	$157.00	$282.75	$508.00	
Morus alba root bark	Mulberry (Sang bai pi)	$124.00	$223.10	$401.25	
Morus alba fruit	Mulberry (Sang shen)	$124.00	$223.10	$401.25	
Mucuna pruriens seed (out of stock)	Velvet bean	$124.00	$223.10	$401.25	
Musa acuminata fruit	Banana	$124.00	$223.10	$401.25	
Musa acuminata peel	Banana	$124.00	$223.10	$401.25	
Musa x paradisiaca fruit	Plantain	$124.00	$223.10	$401.25	
Myristica fragrans whole seed	Nutmeg	$81.80	$147.25	$264.00	

*** 1 day lead for preparation on overnight orders. Maximum 4 items.**

Nelumbo nucifera node rhizome	Sacred lotus (ou jie)	$124.00	$223.10	$401.25	
Nelumbo nucifera seed	Sacred lotus (lian zi)	$124.00	$223.10	$401.25	
Nepeta cataria aerial	Catnip	$81.80	$147.25	$264.00	
Nepeta tenuifolia syn. *Schizonepeta tenuifolia* aerial	Schizonepeta (jing jie)	$124.00	$223.10	$401.25	
Nigella sativa fruit	Black cumin	$124.00	$223.10	$401.25	
Ocimum tenuiflorum syn. O. sanctum leaf	Holy basil / Tulsi	$124.00	$223.10	$401.25	
Olea europaea leaf	Olive	$81.80	$147.25	$264.00	
Ophiopogon japonicus root	Ophiopogon (mai dong)	$124.00	$223.10	$401.25	
Opuntia ficus-indica flower	Prickly pear (nopal)	$124.00	$223.10	$401.25	*Opuntia* is one of the most difficult species in the world to identify, *O. ficus-indica* represents a cultivated type selectively bred for less spines. *O. streptachantha* is one of its many more spiny wild progenitors. They are used interchangeably.
Opuntia ficus-indica paddle	Prickly pear (nopal)	$124.00	$223.10	$401.25	*Opuntia* is one of the most difficult species in the world to identify, *O. ficus-indica* represents a cultivated type selectively bred for less spines. *O. streptachantha* is one of its many more spiny wild progenitors. They are used interchangeably.
Opuntia ficus-indica fruit	Prickly pear (nopal)	$124.00	$223.10	$401.25	*Opuntia* is one of the most difficulty species in the world to identify, *O. ficus-indica* represents a cultivated type selectively bred for less spines. *O. streptachantha* is one of its many

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					more spiny wild progenitors. They are used interchangeably.
Opuntia streptacantha paddle	Prickly pear (nopal)	$124.00	$223.10	$401.25	*Opuntia* is one of the most difficulty species in the world to identify, *O. ficus-indica* represents a cultivated type selectively bred for less spines. *O. streptachantha* is one of its many more spiny wild progenitors. They are used interchangeably.
Opuntia streptacantha flower	Prickly pear (nopal)	$124.00	$223.10	$401.25	*Opuntia* is one of the most difficulty species in the world to identify, *O. ficus-indica* represents a cultivated type selectively bred for less spines. *O. streptachantha* is one of its many more spiny wild progenitors. They are used interchangeably.
Opuntia streptacantha fruit	Prickly pear (nopal)	$124.00	$223.10	$401.25	*Opuntia* is one of the most difficulty species in the world to identify, *O. ficus-indica* represents a cultivated type selectively bred for less spines. *O. streptachantha* is one of its many more spiny wild progenitors. They are used interchangeably.
Origanum vulgare leaf	Oregano	$81.80	$147.25	$264.00	
Oryza sativa spp. *indica* seed (w/bran & germ)	Brown rice (long grain)	$81.80	$147.25	$264.00	
Oryza sativa spp. *japonica* seed (w/bran & germ)	Brown rice (short grain)	$81.80	$147.25	$264.00	
Oryza sativa spp. *indica* seed (no bran, no germ)	White rice (long grain)	$81.80	$147.25	$264.00	
Oryza sativa spp. *japonica* seed (no bran, no germ)	White rice (short grain)	$81.80	$147.25	$264.00	

*** 1 day lead for preparation on overnight orders. Maximum 4 items.**

Oryza sativa ssp. *japonica* seed (w/germ)	White rice (short grain)	$124.00	$223.10	$401.25	
Paeonia lactiflora root	Chinese peony (bai shao)	$157.00	$282.75	$508.00	
Paeonia ostii root (known as *P. suffruticosa* in commercial trade)	Tree peony moutan (mu dan pi)	$124.00	$223.10	$401.25	
Palmaria palmata foliose blade	Dulse	$124.00	$223.10	$401.25	
Panax ginseng root (red)	Origin Korea (hong shen; ren shen)	$124.00	$223.10	$401.25	*Panax* white, red, and black are derived from the same species but are processed differently. *Panax* is naturally white from the ground and is simply dried. Red *Panax* is processed with steam, which results in the red coloring, a harder root for greater shelf life; and black is steamed in a very particular way, usually only in Korea, The steaming of red and black ginsengs deglycosylize non-polar ginsenosides to more polar ginsenosides providing distinctly different fingerprints between the types, which vary depending on the processing technique used (time/temperature)
Panax ginseng root (white)	Origin China (bai ren shen; ren shen)	$124.00	$223.10	$401.25	*Panax* white, red, and black are derived from the same species but are processed differently. *Panax* is naturally white from the ground and is simply dried. Red *Panax* is processed with steam, which results in the red coloring, a harder root for greater shelf life; and black is steamed in a very particular way,

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					usually only in Korea, The steaming of red and black ginsengs deglycosylize non-polar ginsenosides to more polar ginsenosides providing distinctly different fingerprints between the types, which vary depending on the processing technique used
Panax ginseng root (black)	Origin Korea (bai ren shen; ren shen)	$248.00	$446.20	$802.50	*Panax* white, red, and black are derived from the same species but are processed differently. *Panax* is naturally white from the ground and is simply dried. Red *Panax* is processed with steam, which results in the red coloring, a harder root for greater shelf life; and black is steamed in a very particular way, usually only in Korea, The steaming of red and black ginsengs deglycosylize non-polar ginsenosides to more polar ginsenosides providing distinctly different fingerprints between the types, which vary depending on the processing technique used (time/temperature)
Panax ginseng leaf	Asian ginseng (zi shen)	$124.00	$223.10	$401.25	*Panax ginseng* leaf may be used in the manufacture of extracts without accurate disclosure of plant part.
Panax notoginseng flower	Tienchi ginseng (tien qi; san qi)	$124.00	$223.10	$401.25	
Panax notoginseng root	Tienchi ginseng (tien qi; san qi)	$124.00	$223.10	$401.25	
Panax quinquefolius root	American ginseng (xi yang shen)	$157.00	$282.75	$508.00	

*** 1 day lead for preparation on overnight orders. Maximum 4 items.**

Panicum miliaceum seed	Barley	$124.00	$223.10	$401.25	
Parietaria officinalis aerial	Pellitory-of -the wall	$124.00	$223.10	$401.25	
Passiflora edulis fruit (seasonally fresh)	Passion fruit	$124.00	$223.10	$401.25	Different species of *Passiflora* are traded as passionflower, which actually refers to the aerial parts consisting of leaf, vine, and flower. There are reports of hepatotoxicity with some species of *Passiflora.* The source of this is not known.
Passiflora edulis aerial	Passion flower and leaf	$124.00	$223.10	$401.25	Different species of *Passiflora* are traded as passionflower, which actually refers to the aerial parts consisting of leaf, vine, and flower. There are reports of hepatotoxicity with some species of *Passiflora.* The source of this is not known.
Passiflora incarnata aerial	Passionflower	$124.00	$223.10	$401.25	Different species of *Passiflora* are traded as passionflower, which actually refers to the aerial parts consisting of leaf, vine, and flower. There are reports of hepatotoxicity with some species of *Passiflora.* The source of this is not known.
Pastinaca sativa root	Parsnip (cultivated)	$124.00	$223.10	$401.25	
Paulinia cupana fruit	Guarana	$81.80	$147.25	$264.00	
Pausinystalia johimbe bark	Yohimbe	$124.00	$223.10	$401.25	
Pelargonium sidoides root	Umckaloabo	$124.00	$223.10	$401.25	
Perilla frutescens leaf	Perilla	$124.00	$223.10	$401.25	

*** 1 day lead for preparation on overnight orders. Maximum 4 items.**

Perilla frutescens fruit (seed)	Perilla	$124.00	$223.10	$401.25	
Periploca sepium root	Periploca sepium (xiang jia pi)	$157.00	$282.75	$508.00	
Petasites hybridus rhizome	Purple butterbur	$157.00	$282.75	$508.00	
Petasites frigidus leaf	Arctic butterbur	$157.00	$282.75	$508.00	
Petroselinum crispum aerial	Parsley	$81.80	$147.25	$264.00	
Peucedanum praeruptorum root	Peucedanum (qian hu)	$124.00	$223.10	$401.25	
Peumus boldus leaf	Boldo	$157.00	$282.75	$508.00	
Phellodendrom amurense bark	Amur cork tree	$157.00	$282.75	$508.00	
Phoenix dactylifera fruit	Medjool date	$81.80	$147.25	$264.00	
Phyllanthus emblica fruit	Amla (amalaki)	$124.00	$223.10	$401.25	
Phytolacca americana root	Poke	$81.80	$147.25	$264.00	
Pimenta dioica fruit	Allspice	$81.80	$147.25	$264.00	
Pimpinella anisum seed	Anise	$81.80	$147.25	$264.00	
Pinellia ternata rhizome (ginger cured)	Pinellia (jian ban xia)	$124.00	$223.10	$401.25	There are fferent ways for pinellia to be processed. Most common way is curing with ginger root. Raw pinellia is considered toxic.
Piper longum fruit	Long pepper (Indian long pepper)	$124.00	$223.10	$401.25	
Piper methysticum root	Kava kava	$124.00	$223.10	$401.25	
Piper nigrum fruit	Black pepper	$124.00	$223.10	$401.25	
Piper retrofractum fruit	Javanese long pepper	$124.00	$223.10	$401.25	

*** 1 day lead for preparation on overnight orders. Maximum 4 items.**

Pisum sativum seed	Pea	$81.80	$147.25	$264.00	
Plantago spp. seed	Asian plantain (che qian zi)	$124.00	$223.10	$401.25	
Plantago ovata seed husk	Psyllium	$81.80	$147.25	$264.00	
Platycodon grandiflorum root	Balloon flower (jie geng)	$124.00	$223.10	$401.25	
Pleuropterus multiflorus syn. *Reynoutria multiflora; Fallopia multiflorum*; *Polygonum multiflorum* stem.	Fleeceflower; (shou wu teng)	$124.00	$223.10	$401.25	*Polygonum multiflorum*, he shou wu or fo-ti is almost only used processed, typically cooked in black bean sauce for an extended period of time, which breaks down anthraquinone glycosides. Improperly prepared fo-ti has been associated with reports of liver toxicity. Improper processing can occur if material is not cooked sufficiently or if the root slices as too thick to be cooked sufficiently. Only the tubers should be used in the processing of fo-ti. Stems are typically use as a separate ingredient, but may inadvertently get substituted for tubers.
Pleuropterus multiflorus syn. *Reynoutria multiflora; Fallopia multiflorum*; *Polygonum multiflorum* root tuber. (processed tubers)	Fleeceflower; fo-ti (zhi he shou wu; he shou wu)	$124.00	$223.10	$401.25	*Polygonum multiflorum*, he shou wu or fo-ti is almost only used processed, typically cooked in black bean sauce for an extended period of time, which breaks down anthraquinone glycosides. Improperly prepared fo-ti has been associated with reports of liver toxicity. Improper processing can occur if material is not cooked sufficiently or if the root slices as too thick to be cooked sufficiently. Only the tubers should be used in the

*** 1 day lead for preparation on overnight orders. Maximum 4 items.**

					processing of fo-ti. Stems are typically use as a separate ingredient, but may inadvertently get substituted for tubers.
Pleuropterus multiflorus syn. *Reynoutria multiflora; Fallopia multiflorum*; *Polygonum multiflorum* root tuber. (unprocessed tubers, potentially toxic)	Fleeceflower; fo-ti he shou wu)	$124.00	$223.10	$401.25	*Polygonum multiflorum*, he shou wu or fo-ti is almost only used processed, typically cooked in black bean sauce for an extended period of time, which breaks down anthraquinone glycosides. Improperly prepared fo-ti has been associated with reports of liver toxicity. Improper processing can occur if material is not cooked sufficiently or if the root slices as too thick to be cooked sufficiently. Only the tubers should be used in the processing of fo-ti. Stems are typically use as a separate ingredient, but may inadvertently get substituted for tubers.
Pleurotus eryngii fruiting body	King trumpet	$124.00	$223.10	$401.25	
Pleurotus ostreatus fruiting body; cultivated dried material	Oyster mushroom 95% ethanol extract 5 mL	$157.00			
Polygala senega root	Seneca snakeroot	$157.00	$282.75	$508.00	
Polygala tenufolia root	Polygala (yuan zi)	$124.00	$223.10	$401.25	
Polygonum cuspidatum rhizome	Japanese knotweed	$157.00	$282.75	$508.00	
Populus tremuloides bark	Quaking aspen	$157.00	$282.75	$508.00	
Propolis resin	Propolis	$157.00	$282.75	$508.00	
Prunus amygdalus syn. *P. dulcis* seed	Almond	$81.80	$147.25	$264.00	

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Prunus armeniaca; *P. mandshurica; P. sibirica* seed	Apricot (ku xing ren) (all 3 species accepted by PPRC)	$124.00	$223.10	$401.25	
Prunus avium fruit (syn. *Cerasus avium*)	Sweet cherry	$157.00	$282.75	$508.00	Cherry fruits should be free of stems and pits.
Prunus avium stems (syn. *Cerasus avium*)	Sweet Cherry	$157.00	$282.75	$508.00	Cherry stems are used as an astringent tonic in European herbal traditions. They can also be inadvertently included in cherry products such as cherry powders and extracts
Prunus avium pits (syn. *Cerasus avium*)	Sweet Cherry	$157.00	$282.75	$508.00	Cherry pits can be inadvertently included in cherry products such as cherry powders and extracts
Prunus cerasus fruit	Tart Cherry	$157.00	$282.75	$508.00	
Prunus domestica fruit	Plum	$81.80	$147.25	$264.00	
Prunus salicina fruit	Plum	$124.00	$223.10	$401.25	
Prunus persica leaf (available summer 2026)	Peach	$124.00	$223.10	$401.25	
Prunus persica fruit	Peach	$81.80	$147.25	$264.00	
Prunus persica fruit Juice 25% Alcohol	Peach	$124.00	$223.10	$401.25	
Prunus serotina bark	Wild cherry	$124.00	$223.10	$401.25	
Pueraria lobata flower buds	Kudzu (ge hua)	$124.00	$223.10	$401.25	
Pueraria lobata root	Kudzu (ge gen)	$124.00	$223.10	$401.25	
Pulsatilla pratensis aerial	Pulsatilla	$124.00	$223.10	$401.25	
Punica granatum rind	Pomegranate	$124.00	$223.10	$401.25	

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Punica granatum seed	Pomegranate	$124.00	$223.10	$401.25	
Pygeum africanum bark	Pygeum	$157.00	$282.75	$508.00	
Raphanus sativus root	Radish	$81.80	$147.25	$264.00	
Raphanus sativus seed	Radish (lai fu zi)	$124.00	$223.10	$401.25	
Rehmannia glutinosa root tuber	Rehmannia (shu di huang)	$124.00	$223.10	$401.25	
Rheum spp. root/ rhizome	Chinese rhubarb (da huang)	$124.00	$223.10	$401.25	Many species of *Rheum* are traded internationally as rhubarb root and are used interchangeably.
Rhodiola rosea root	Rhodiola	$157.00	$282.75	$508.00	*Rhodiola* species are commonly mixed up in trade, most especially with *R. crenulata*, though both species are threatened by over harvest and loss of habitat, and other species may be present in trade. AHP sources cultivated
Rhodiola spp. root (conforms to 2015 PPRC R. crenulata description)	Rhodiola	$157.00	$282.75	$508.00	*Rhodiola* species are commonly mixed up in trade, most especially with *R. crenulata*, though both species are threatened by over harvest and loss of habitat, and other species may be present in trade. Botanically authenticated *Rhodiola* is not currently available. This material conforms to 2015 PPRC *R. crenulata* description. *Rhodiola rosea* is characterized by an abundance of rosavins, whole *R. crenulata* is characterized by an abundance of salidrosides.

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Rhus typhina fruit	Staghorn sumac	$124.00	$223.10	$401.25	
Ribes nigrum fruit	Black current	$81.80	$147.25	$264.00	
Rosa canina rosehips	Rosehips	$124.00	$223.10	$401.25	
Rosa rugosa rosehips	Rugosa rose, beach rose	$124.00	$223.10	$401.25	
Rosmarinus officinalis leaf	Rosemary	$81.80	$147.25	$264.00	
Rubia cordifolia root	Indian madder (manjishta)	$124.00	$223.10	$401.25	
Rubus chingii fruit	Palm-leaf raspberry (fu pen zi)	$157.00	$282.75	$508.00	
Rubus idaeus fruit	Raspberry	$81.80	$147.25	$264.00	
Rubus idaeus leaf	Raspberry	$81.80	$147.25	$264.00	
Rubus fruticosus aggregate fruit	Blackberry	$81.80	$147.25	$264.00	
Rubus fruticosus aggregate leaf	Blackberry	$81.80	$147.25	$264.00	
Rumex acetosella aerial	Sheep sorrel	$81.80	$147.25	$264.00	
Rumex crispus root	Yellow dock, curly dock	$124.00	$223.10	$401.25	
Ruta graveolens aerial	Rue	$81.80	$147.25	$264.00	
Salvia apiana leaf	White sage	$124.00	$223.10	$401.25	
Salvia hispanica seed	Chia	$124.00	$223.10	$401.25	
Salvia mellifera leaf	Black sage	$124.00	$223.10	$401.25	
Salvia miltiorrhiza root	Chinese salvia (dan shen)	$81.80	$147.25	$264.00	
Salvia officinalis leaf	Sage	$81.80	$147.25	$264.00	
Sambucus canadensis flower	American elder	$124.00	$223.10	$401.25	There has been a taxonomic proposal for revision of the species to include

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					S. canadensis and *S. cerulea* as subspecies of *S. nigra*, (Bolli 1994). Some botanists agree with this; others do not. Similarly, some suppliers and some authorities have adopted this nomenclature, while others do not. Thus, fruits and flowers may be traded interchangeably as *S. nigra* without accurate disclosure of subspecies. Based on subsequent genetic work on the species, AHP maintains the separation of the species. *S. nigra* and *S. canadensis* are almost identical botanically and chemically with some differences but can be considered interchangeable. *S. cerulea*, while used similarly, is considerably different from the other two.
Sambucus canadensis fruit	American elder	$124.00	$223.10	$401.25	There has been a taxonomic proposal for revision of the species to include *S. canadensis* and *S. cerulea* as subspecies of *S. nigra*, (Bolli 1994). Some botanists agree with this; others do not. Similarly, some suppliers and some authorities have adopted this nomenclature, while others do not. Thus, fruits and flowers may be traded interchangeably as *S. nigra* without accurate disclosure of subspecies. Based on subsequent genetic work on the species, AHP maintains the separation of the species. *S. nigra* and *S. canadensis*

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					are almost identical botanically and chemically with some differences but can be considered interchangeable. *S. cerulea*, while used similarly, is considerably different from the other two.
Sambucus cerulea flower	Blue elder	$124.00	$223.10	$401.25	There has been a taxonomic proposal for revision of the species to include *S. canadensis* and *S. cerulea* as subspecies of *S. nigra*, (Bolli 1994). Some botanists agree with this; others do not. Similarly, some suppliers and some authorities have adopted this nomenclature, while others do not. Thus, fruits and flowers may be traded interchangeably as *S. nigra* without accurate disclosure of subspecies. Based on subsequent genetic work on the species, AHP maintains the separation of the species. *S. nigra* and *S. canadensis* are almost identical botanically and chemically with some differences but can be considered interchangeable. *S. cerulea*, while used similarly, is considerably different from the other two.
Sambucus cerulea fruit	Blue elder	$124.00	$223.10	$401.25	There has been a taxonomic proposal for revision of the species to include *S. canadensis* and *S. cerulea* as subspecies of *S. nigra*, (Bolli 1994). Some botanists agree with this; others do not. Similarly, some suppliers and some authorities have adopted this

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					nomenclature, while others do not. Thus, fruits and flowers may be traded interchangeably as *S. nigra* without accurate disclosure of subspecies. Based on subsequent genetic work on the species, AHP maintains the separation of the species. *S. nigra* and *S. canadensis* are almost identical botanically and chemically with some differences but can be considered interchangeable. *S. cerulea*, while used similarly, is considerably different from the other two.
Sambucus ebulus fruit	Dwarf elder	$124.00	$223.10	$401.25	
Sambucus nigra flower	European elder	$124.00	$223.10	$401.25	
Sambucus nigra fruit	European elder	$124.00	$223.10	$401.25	
Sambucus nigra cymes, pedicels, & stems	European elder	$124.00	$223.10	$401.25	All parts of *Sambucus* species contain lectins that can cause gastric irritation and nausea if consumed unprocessed or if large amounts of same plant foreign matter is present (e.g., cymes, leaves, pedicels, etc.) These materials are provided to help analysts determine if they are present beyond acceptable limits. Pharmacopoeial monographs typically allow for no more than 2% foreign organic matter. The European pharmacopoeia and upcoming AHP Elderberry monograph present a limit of not more than 8% pedicels.

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Sambucus nigra bark	European elder	$124.00	$223.10	$401.25	The bark and leaves of *Sambucus* are considered toxic. Their presence in flower and fruit products should be minimized or completely absent.
Sambucus nigra leaf	European elder	$124.00	$223.10	$401.25	The bark and leaves of *Sambucus* or considered toxic. Their presence in flower and fruit products should be minimized or completely absent.
Sassafras albidum bark	Sassafras	$81.80	$147.25	$264.00	
Saussurea costus root	Costus (mu xiang)	$124.00	$223.10	$401.25	
Schisandra chinensis fruit	Schisandra (bei wu wei zi; wu wei zi)	$124.00	$223.10	$401.25	*Schisandra chinensis* is the primary article of trade for schisandra, though in recent years, *S. sphenanthera* has emerged in trade. While they share characteristics, all the strengthening, rejuvenative, and adaptogenic properties are attributed to the fruit and seed of *S. chinensis*.There is little adaptogenic activity documented for *S. sphenanthera.* The species can be readily distinguished by differences in the seed and flavor profile as well as chemically and genetically.
Schisandra sphenanthera fruit	Schisandra (nan wu wei zi; wu wei zi)	$124.00	$223.10	$401.25	*Schisandra chinensis* is the primary article of trade for schisandra, though in recent years, *S. sphenanthera* has emerged in trade. While they share characteristics, all the strengthening, rejuvenative, and adaptogenic properties are attributed to the fruit and seed of *S. chinensis*.There is little

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					adaptogenic activity documented for *S. sphenanthera.* The species can be readily distinguished by differences in the seed and flavor profile as well as chemically and genetically.
Scutellaria baicalensis root	Chinese skullcap (huang qin)	$124.00	$223.10	$401.25	
Scutellaria barbata aerial	Barbed skullcap (ban zhi lian)	$124.00	$223.10	$401.25	
Scutellaria lateriflora herb	Skullcap	$124.00	$223.10	$401.25	
Selinicereus grandiflorus flower	Night blooming cereus	$124.00	$223.10	$401.25	
Selinicereus grandiflorus stem	Night blooming cereus	$124.00	$223.10	$401.25	
Selenicereus magalanthus syn. *Hylocereus megalanthus* fruit	Yellow pitaya, yellow dragon fruit	$124.00	$223.10	$401.25	
Selenicereus undatus syn. *Hylocereus undatus* fruit	White dragon fruit, pitaya blanca	$124.00	$223.10	$401.25	
Senecio vulgaris aerial	Groundsel	$81.80	$147.25	$264.00	
Senna alexandrina leaf	Senna	$124.00	$223.10	$401.25	
Seratonia siliqua pod	Carob	$124.00	$223.10	$401.25	
Serenoa repens fruit	Saw palmetto	$81.80	$147.25	$264.00	
Sesamum indicum seed	Sesame (hei zhi ma)	$124.00	$223.10	$401.25	
Silybum marianum seed	Milk thistle	$81.80	$147.25	$264.00	
Sinapis alba syn. *Brassica alba, Brassica hirta* seed	White mustard	$81.80	$147.25	$264.00	
Siratia grosvenvenorii syn. *Momordica grosvenorii fruit*	Monk fruit / luo han guo	$124.00	$223.10	$401.25	

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Smilax glabra rhizome	Chinese smilax (tu fu ling)	$124.00	$223.10	$401.25	
Solanum lycopersicum fruit	Tomatoe	$81.80	$147.25	$264.00	
Solidago virgaurea herb	European goldenrod	$124.00	$223.10	$401.25	
Styphnolobium japonicum syn. *Sophora japonica* fruit	Sophora (huai jiao)	$124.00	$223.10	$401.25	
Styphnolobium japonicum syn. *Sophora japonica* flower bud	Sophora (huai mi)	$124.00	$223.10	$401.25	
Spinacia oleracea leaf	Spinach	$81.80	$147.25	$264.00	
Stellaria media aerial	Chickweed	$81.80	$147.25	$264.00	
Stephania tetrandra root	Stephania (han fang ji)	$157.00	$282.75	$508.00	*Stephania* may be subject to adulteration with a highly toxic root, *Aristolochia fangchi* that contains aristolochic acid, which is a renal toxin and potential carcinogen.
Stevia rebaudiana aerial	Stevia	$124.00	$223.10	$401.25	
Symphytum officinale leaf	Comfrey	$124.00	$223.10	$401.25	
Symphytum officinale root	Comfrey	$124.00	$223.10	$401.25	
Syzygium aromaticum fruit	Clove	$124.00	$223.10	$401.25	
Tagetes erecta flower	Aztec marigold	$81.80	$147.25	$264.00	
Tamarindus indica seed	Tamarind	$124.00	$223.10	$401.25	
Tamarindus indica fruit	Tamarind	$124.00	$223.10	$401.25	
Tanacetum parthenium aerial	Feverfew	$81.80	$147.25	$264.00	

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Tanacetum parthenium flower	Feverfew	$124.00	$223.10	$401.25	
Tanacetum parthenium leaf	Feverfew	$124.00	$223.10	$401.25	
Taraxacum mongolicum leaf	Dandelion (pu gong ying)	$124.00	$223.10	$401.25	
Taraxacum officinale leaf	Dandelion	$81.80	$147.25	$264.00	
Taraxacum officinale root	Dandelion	$81.80	$147.25	$264.00	
Taraxacum officinale aerial	Dandelion	$81.80	$147.25	$264.00	
Taxus brevifolia aerial part	Pacific yew	$157.00	$282.75	$508.00	
Terminalia arjuna bark (out of stock)	Arjuna	$157.00	$282.75	$508.00	
Terminalia belerica fruit	Belleric myrobalan (behada; bibhitaki)	$124.00	$223.10	$401.25	
Terminalia chebula fruit	Chebulic myrobalan (harada; haritaki)	$124.00	$223.10	$401.25	
Teucrium chaemadrys	Germander or wall flower	$157.00	$282.75	$508.00	This species is a potential hepatotoxic contaminant or substitute for the non-toxic *Scutellaria lateriflora*
Theobroma cacao seed (fermented)	Cacao	$157.00	$282.75	$508.00	
Theobroma cacao seed (unfermented)	Cacao	$157.00	$282.75	$508.00	
Thymus vulgaris leaf	Thyme	$81.80	$147.25	$264.00	
Tinospora cordifolia stem	Indian tinospora	$124.00	$223.10	$401.25	
Trachyspermum ammi fruit	Ajowan	$124.00	$223.10	$401.25	
Trametes versicolor fruiting body	Turkey tail	$124.00	$223.10	$401.25	
Tribulus terrestris fruit	Tribulus (ji li)	$124.00	$223.10	$401.25	

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Trichosanthes kirilowii/T. rosthornii root	Trichosanthes (tian hua fen)	$124.00	$223.10	$401.25	
Trifolium pratense blossoms	Red clover	$81.80	$147.25	$264.00	Red clover can either come as blossoms only with stepals or calyx present or as whole plant. This material is blossons with attached calyx only/
Trifolium pratense aerial	Red clover	$81.80	$147.25	$264.00	Red clover can either come as blossoms only with stepals or calyx present or as whole plant
Trigonella foenum-graceum fruit	Fenugreek	$124.00	$223.10	$401.25	
Triticum aestivum berry	Wheat - spring variety	$124.00	$223.10	$401.25	
Triticum aestivum berry	Wheat – winter variety	$124.00	$223.10	$401.25	
Tropaeolum majus flower	Garden Nasturtium	$124.00	$223.10	$401.25	
Turnera diffusa leaf	Damiana	$124.00	$223.10	$401.25	
Tussilago farfara leaf	Coltsfoot	$81.80	$147.25	$264.00	
Ulmus rubra inner bark	Slippery elm	$81.80	$147.25	$264.00	
Urtica dioica leaf	Stinging nettles	$81.80	$147.25	$264.00	
Urtica dioica root	Stinging nettles	$81.80	$147.25	$ 264.00	
Vaccinium corymbosum fruit	Highbush blueberry	$81.80	$147.25	$264.00	
Vaccinium macrocarpon fruit air dried	Cranberry	$81.80	$147.25	$264.00	
Vaccinium myrtillus leaf	Bilberry	$157.00	$282.75	$508.00	
Vaccinium myrtillus fruit	Bilberry	$157.00	$282.75	$508.00	
Valerian officinalis root	Valerian	$81.80	$147.25	$264.00	

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Vanilla planifolia fruit	Vanilla	$157.00	$282.75	$508.00	Many vanilla bean extracts are made with synthetic vanillin.
Verbascum thapsus leaf	Mullein	$81.80	$147.25	$264.00	
Verbascum thapsus flower (singular)	Mullein	$124.00	$223.10	$401.25	
Verbascum Thapsus flower spike	Mullein	$81.80	$147.25	$264.00	
Viburnum opulus stem bark	Cramp bark	$124.00	$223.10	$401.25	
Vigna radiata syn. Phaseolus radiatus seed	Mung bean	$81.80	$147.25	$264.00	
Vinca minor aerial	Lesser periwinkle	$124.00	$223.10	$401.25	
Vinca major aerial	Greater periwinkle	$124.00	$223.10	$401.25	
Viola yedoensis aerial	Tokyo violet	$124.00	$223.10	$401.25	
Vitex agnus-castus berries	Chaste tree, Chasteberry	$81.80	$147.25	$264.00	Other species of *Vitex,* such as those from China or India, may be substituted for European *V. agnus-castus.*
Vitex agnus-castus leaf	Chaste tree	$81.80	$147.25	$264.00	*Vitex* leaves may be used in the manufacture of vitex extracts.
Vitex negundo leaf	Nirgundi	$124.00	$223.10	$401.25	Asian species of *Vitex* may be traded as substitutes for the European *Vitex agnus-castus*.
Vitex negundo berries	Nirgundi	$124.00	$223.10	$401.25	
Vitis vinifera skin w/seed	Grape	$124.00	$223.10	$401.25	
Vitis vinifera leaf	Grape leaf	$124.00	$223.10	$401.25	
Withania somnifera root	Ashwagandha	$124.00	$223.10	$401.25	
Withania somnifera leaf	Ashwagandha	$124.00	$223.10	$401.25	
Wolfiporia cocos sclerotium	Poria, fu ling	$124.00	$223.10	$401.25	There are two primary forms of

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					poria traded, predominantly in China; fu ling which consists of the whole sclerotium (fruiting body) and fu shen, which specifically is either shaved or chunks of the central portion of the sclerotium that adheres to the branch upon which the fruiting body grows. Sometimes with chunks, adhering branch wood is present. This material is derived from the whole sclerotium that may have some adhering branch and central portion present.
Wolfiporia cocos shaved and center sclerotium	Poria, poria cocos (fu shen)	$124.00	$223.10	$401.25	There are two primary forms of poria traded, predominantly in China; fu ling which consists of the whole sclerotium (fruiting body) and fu shen, which specifically is either shaved or chunks of the central portion of the sclerotium that adheres to the branch upon which the fruiting body grows. Sometimes with chunks, adhering branch wood is present. This material is derived from the whole sclerotium that may have some adhering branch and central portion present.
Xanthorhiza simplicissima rhizome	Yellow root	$124.00	$223.10	$401.25	Possible adulterant of goldenseal (*Hydrastis canadensis*); contains berberine
Yucca filamentosa leaf	Adams needle	$157.00	$282.75	$508.00	
Yucca filamentosa rhizome/root	Adams needle	$157.00	$282.75	$508.00	

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Yucca schidigera bulbus stem	Mojave yucca	$157.00	$282.75	$508.00	
Yucca sp stem	Yucca	$81.80	$147.25	$264.00	
Zanthoxylum clava-herculis bark	Prickly ash	$157.00	$282.75	$508.00	
Zea mays silk	Corn silk	$81.80	$147.25	$264.00	
Zingiber officinalis rhizome	Ginger (gan jiang)	$81.80	$147.25	$264.00	
Ziziphus jujuba red fruit (with pits, origin China)	Jujube (da zao; hong zao)	$124.00	$223.10	$401.25	Most jujube fruits originate from China, while it is also grown domestically and mostly sold as fresh fruits in farmers markets. There are also different sizes of fruits, some with seeds and some from which the seeds have been removed. This material originates from China and has seeds. AHP offers a range of fruits to represent the various qualities on the market.
Ziziphus jujuba red fruit (pits removed; origin China)	Jujube (da zao; hong zao)	$124.00	$223.10	$401.25	Most jujube fruits originate from China, while it is also grown domestically and mostly sold as fresh fruits in farmers markets. There are also different sizes of fruits, some with seeds and some from which the seeds have been removed. AHP offers a range of fruits to represent the various qualities on the market.
Ziziphus jujuba fruit (with pits; origin United States)	Jujube (da zao; hong zao)	$157.00	$282.75	$508.00	Most jujube fruits originate from China, while it is also grown domestically and mostly sold as fresh fruits in farmers markets. There are also different sizes of fruits,

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					some with seeds and some from which the seeds have been removed. This material was purchased fresh from a local farmer’s market and dried at 57 ˚ C.
Ziziphus jujuba fruit (pits removed; origin United States)	Jujube (da zao; hong zao)	$157.00	$282.75	$508.00	Most jujube fruits originate from China, while it is also grown domestically and mostly sold as fresh fruits in farmers markets. There are also different sizes of fruits, some with seeds and some from which the seeds have been removed. This material was purchased fresh from a local farmer’s market and dried at 57 ˚ C.

*** 1 day lead for preparation on overnight orders. Maximum 4 items.**

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