



# Food, Beverage & Supplement Ingredient Guide

Gillco Ingredients, an Azelis Company  
Exclusive National Distributor for Bio-Botanica®  
[www.gillco.com](http://www.gillco.com) | [salesupport@gillco.com](mailto:salesupport@gillco.com) | 760.759.7900



# Powdered Extracts

Bio-Botanica combines its holistically balanced® extracts with various excipients to create free flowing powdered extracts. Through our spray drying and vacuum oven drying facilities, we create free flowing powdered extracts suitable for the nutritional supplement, food and flavor industries. These powdered extracts meet the rigorous QC and GMP requirements set by the industries they are sold to.

4228  
Elder Flower  
(*Sambucus nigra*) Extract



**Custom Extract Blends Available Upon Request  
Contact an Associate for Details**

PRODUCT CODE	PRODUCT NAME	INCI NAME
4000SDM	ALFALFA HERB 4:1 PE	<i>Medicago sativa</i> (Alfalfa) Herb Extract
4044	ALOE PHYTOGEL PE 1:199	<i>Aloe Barbadensis</i> Leaf Juice
4019	ARTICHOKE PE	<i>Cynara scolymus</i> (Artichoke) Leaf Extract
4032	BERBERIS VULGARIS 4:1 PE	<i>Berberis Vulgaris</i> Root Extract
4042	BLACK COHOSH PE	<i>Actaea racemosa</i> (Black Cohosh) Extract
25582PE	BLACK WALNUT & WORMWOOD PE	<i>Eugenia Caryophyllus</i> (Clove) Bud Extract, <i>Juglans Nigra</i> (Black Walnut) Shell Extract, <i>Artemisia Annuua</i> Extract, <i>Artemisia Absinthium</i> Extract
4048	BLACK WALNUT PE 10:1	<i>Juglans Nigra</i> (Black Walnut) Shell Extract
4054SD	BLADDERWRACK PE	<i>Fucus Vesiculosus</i> Extract
4108SD	BURDOCK ROOT PE	<i>Arctium Lappa</i> Root Extract
4127SD	CASCARA SAGRADA BTR 3:1 SD	<i>Cascara Sagrada</i> Bark Extract
4138A	CELERY SEED EXTRACT PE	<i>Apium graveolens</i> (Celery) Seed Extract
4144SD	CHAMOMILE FLOWER PE	<i>Chamomilla recutita</i> (Matricaria) Flower Extract
4156B	CHICKWEED WITHOUT CARAMEL PE	<i>Stellaria Media</i> (Chickweed) Extract
4156SDM	CHICORY PE	<i>Cichorium intybus</i> (Chicory) Root Extract
4198	DAMIANA LEAVES PE	<i>Turnera Diffusa</i> Leaf Extract
4204	DANDELION PE	<i>Taraxacum Officinale</i> (Dandelion) Rhizome/Root Extract
4210	DEVIL'S CLAW PE	<i>Harpagophytum Procumbens</i> Root Extract
4222T	ECHINACEA FLOWERING TOPS PE	<i>Echinacea purpurea</i> (Aerial Parts) Extract
4228	ELDER FLOWERS PE	Elder Flower ( <i>Sambucus nigra</i> ) Extract
4300M	ELEUTHERO PE 5:1	<i>Acanthopanax Senticosus</i> Extract
4246	EYEBRIGHT PE	<i>Euphrasia spp.</i> Herb Extract
4258	FENNEL SEED PE	<i>Foeniculum Vulgare</i> (Fennel) Fruit Extract
4264	FENUGREEK PE	Fenugreek ( <i>Trigonella foenum-graecum</i> ) Seed Extract
4282	GENTIAN ROOT PE	<i>Gentiana Lutea</i> Root Extract
4288	GINGER ROOT PE 4%	<i>Zingiber Officinale</i> (Ginger) Root Extract, <i>Zingiber Officinale</i> (Ginger) Root Oil
4318	GOTU KOLA PE 4:1	<i>Hydrocotyle asiatica</i>

4318B	GREEN TEA WITH 6% CAFFEINE PE	<i>Camelia Sinensis Leaf Extract</i>
4321A	GUARANA 10% PE	<i>Paullina Cupana Seed Extract</i>
4324SDW	HAWTHORN BERRIES SD PE	<i>Crataegus oxyacantha (Hawthorne) Fruit Extract</i>
4330SD	HOPS 4:1 PE	<i>Humulus Lupulus (Hops) Extract</i>
4341	HORSECHESTNUT PE	<i>Aescu/us Hippocastanum (Horse Chestnut) Seed Extract</i>
4342WSP	HORSETAIL 6%, PE	<i>Equisetum Arvense (Horsetail) Extract</i>
4348	HYDRANGEA PE 4:1	<i>Hydrangea Arborescens Root Extract</i>
4354	HYSSOP HERB PE 4:1	<i>Hyssopus Officinalis Extract</i>
4356SD	IRISH MOSS PE	<i>Chondrus Crispus (Irish Moss) Extract</i>
4360	JUNIPER BERRY PE	<i>Juniperus communis (Juniper) Fruit Extract</i>
4364	KELP PE	<i>Ascophyllum Nodosum Extract</i>
4363	KELP PE 1-10	<i>Ascophyllum Nodosum Extract</i>
4368SP	KOLA NUT PE 10%	<i>Cola Nitida Seed Extract</i>
6630P	LAVENDER PE	<i>Lavandula angustifolia (Lavender) Flower Powder</i>
4380	LEMON BALM PE	<i>Melissa Officinalis Flower/Leaf/Stem Extract</i>
4384	LICORICE PE	<i>Glycyrrhiza Glabra (Licorice) Root Extract</i>
4390	LINDEN FLOWER PE	<i>Tilia argentea Flower Extract</i>
4406	MARIGOLD PE	<i>Calendula Officinalis Flower Extract</i>
4412	MARSHMALLOW ROOT PE	<i>Althaea Officinalis Root Extract</i>
4418	MEADOWSWEET PE	<i>Spiraea Ulmaria Flower Extract</i>
4420	MILK THISTLE PE	<i>Silybum marianum (Milk Thistle) Seed Extract</i>
4430	MOTHERWORT PE	<i>Leonurus Cardiaca Extract</i>
4436	MUIRA PUAMA PE	<i>Ptychopetalum Olacoides Root Extract</i>
4454A	NETTLE LEAVES 5:1 PE	<i>Urtica dioica (Nettle) Leaf Extract</i>
4464A	OATS PE 10:1	<i>Avena Sativa (Oat) Seed Extract</i>
4297	PANAX GINSENG PE	<i>Panax Ginseng Root Extract</i>
4478SD	PASSION FLOWER 4:1 PE	<i>Passiflora incarnata Aerial Parts Extract</i>
4490	PEPPERMINT LEAVES PE	<i>Mentha Piperita (Peppermint) Leaf Extract</i>
4523	PURESTEROL® PE PUERARIA MIRIFICA EXTRACT Pat#7658955	<i>Pueraria mirifica root extract</i>
4544	RED CLOVER PE	<i>Trifolium Pratense Flower Extract</i>

4550	RED RASPBERRY PE	<i>Rubus ideaus (Raspberry) Leaf Extract</i>
4568	ROSEMARY PE	<i>Rosmarinus Officinalis (Rosemary) Leaf Extract</i>
4574	SAGE PE	<i>Salvia Officinalis (Sage) Leaf Extract</i>
4586SD	SARSAPARILLA PE	<i>Smilax utilis Root Extract</i>
4598SD	SKULLCAP PE	<i>Scutellaria lateriflora Extract</i>
4610	SLIPPERY ELM BARK PE	<i>Ulmus Fulva Bark Extract</i>
4342A	SPRINGTIME HORSETAIL GRASS PE 8:1	<i>Equisetum Arvense (Horsetail) Extract</i>
4646SD	UVA URSI PE 3:1	<i>Arctostaphylos Uva-Ursi Leaf Extract</i>
4652SD	VALERIAN ROOT PE	<i>Valeriana Officinalis Root Extract</i>
4654	VITEX (CHASTE TREE BERRY) PE	<i>Vitex Agnus-Castus Fruit Extract</i>
4460	WHITE OAK BARK PE 5:1	<i>Quercus Alba Bark Extract</i>
4670-A	WHITE WILLOW BARK PE	<i>Salix Alba (Willow) Bark Extract</i>
4671	WHITE WILLOW PE 4:1	<i>Salix Alba (Willow) Bark Extract</i>
4683	WILD YAM PE	<i>Dioscorea villosa (Wild Yam) Root Extract</i>
4688	WOOD BETONY PE	<i>Stachys Officinalis Flower/Leaf/Stem Extract</i>
4707	YOHIMBE BARK PE 4:1	<i>Corynanthe Yohimbe Bark Extract</i>



**4490**  
**Peppermint Leaves**  
*Mentha piperita*  
(Peppermint) Leaf Extract

**Package Sizes:**  
We understand you may only need a small pail or you may need 200 kilograms. We offer:  
**25 kilogram pack | 100 kilogram pack | 250 kilogram pack | Custom Orders**

# Solid Extracts

Our “holistically balanced “ extracts are prepared using a menstruum which contains alcohol. We evaporate the alcohol leaving a resinous mass, and prepare these extracts to be suitable for use with food products. They are typically delivered in a molasses consistency. These solid extracts meet the rigorous QC and GMP requirements set by the industries they are sold to.



**2118A**  
**Rhubarb Root**  
*Rheum palmatum Root Extract*

**Custom Extract Blends Available Upon Request**  
**Contact an Associate for Details**

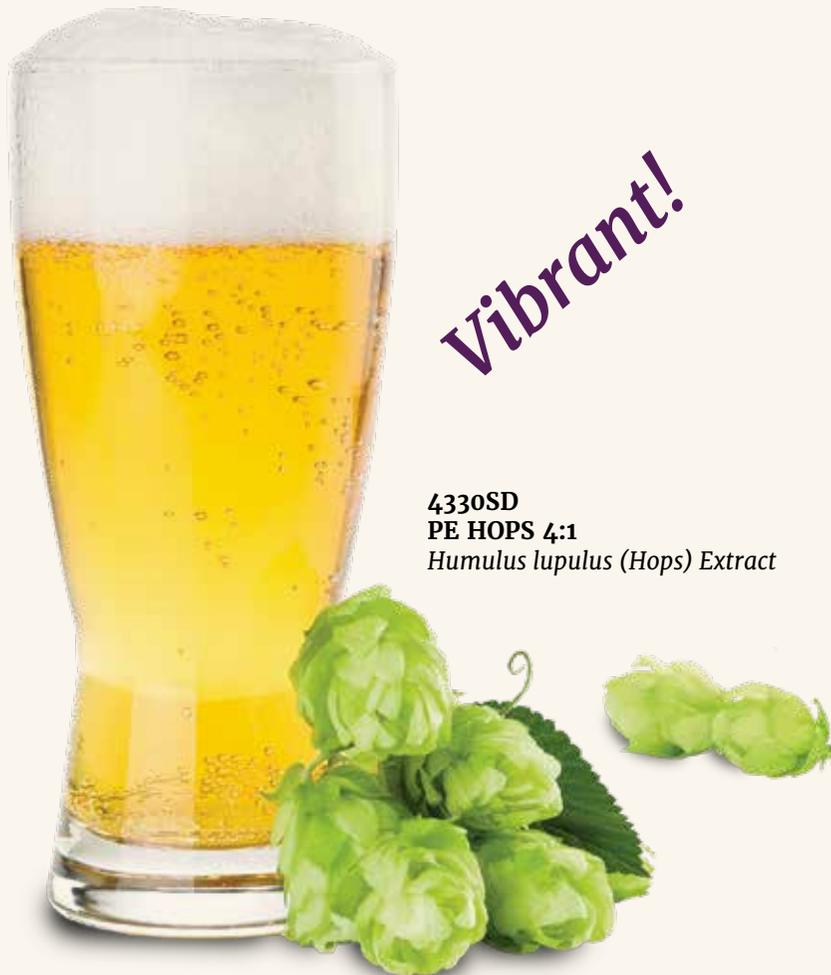
PRODUCT CODE	PRODUCT NAME	INCI NAME
2002C	ARTICHOKE SE	<i>Cynara Scolymus (Artichoke) Leaf Extract</i>
2174	BLEND "F" #2 SE	<i>Taraxacum Officinale (Dandelion) Root, Rhamnus Purshiana Bark Extract, Peumus Boldus Leaf Extract, Berberis Vulgaris Root Extract</i>
2034	CHAMOMILE SE	<i>Matricaria recutita (Chamomile) Flower Extract</i>
2048	DANDELION ROOT SE	<i>Taraxacum Officinale (Dandelion) Rhizome/ Root Extract</i>
2053B	ELDERBERRY 3:1 IN GLYCERIN SE	<i>Sambucus nigra (Elderberry) Fruit Concentrate</i>
2066	ELEUTHERO SE	<i>Acanthopanax Senticosus (Eleuthero) Root Extract</i>
2060E	FENUGREEK ROASTED SE	<i>Trigonella Foenum-Graecum Seed Extract</i>
2068C	GUARANA 10 SE	<i>Guarana (Paullinia cupana) Seed Extract</i>
2069A	HAWTHORN BERRIES SE	<i>Crataegus oxyacantha (Hawthorne) Fruit Extract</i>
2071B	HOREHOUND SE	<i>Horehound (Marrubium vulgare) Aerial Parts Extract</i>
2086	LOVAGE SE	<i>Levisticum officinale Root Extract</i>
2089	MARIGOLD SE	<i>Calendula Officinalis Flower Extract</i>
2097A	OAK SE	<i>Quercus Alba Bark Extract</i>
2103	PASSION FLOWER SE	<i>Passiflora incarnata L. (Passionflower) Herb Extract</i>
2115C	QUASSIA SE	<i>Quassia Amara Wood Extract</i>
2116	RED CLOVER TOPS SE	<i>Trifolium pratense (Red Clover) Tops Extract</i>
2118A	RHUBARB ROOT SE	<i>Rheum Palmatum Root Extract</i>
2027	ST JOHN'S BREAD ROASTED SE	<i>Ceratonia Siliqua (Carob) Fruit Extract</i>
2134A	TAMARIND SE	<i>Tamarind (Tamarindus Indica) Extract</i>
2139	VALERIAN SE	<i>Valeriana officinalis (Valerian) Root Extract</i>
2140B	WHITE PINE COMPOUND 1:4 SE	<i>White Pine (Pinus strobus) Bark, Wild Cherry (Prunus seratina) Bark, Poplar (Populus sp.) Buds, Bloodroot (Sanguinaria canadensis) Root, Spikenard (Aralia racemosa) Root</i>
2150	YERBA MATE LEAF SE	<i>Ilex paraguariensis (Yerba Mate) Leaf Extract</i>

### Package Sizes:

We understand you may only need a small pail or you may need 200 kilograms. We offer:  
**25 kilogram pack | 250 kilogram pack | Custom Orders**

# Fluid Extracts & Tinctures

Our fluid extracts and tinctures are liquid preparations that contain alcohol and/or glycerin. These are typically suitable for food and beverage products. These liquid extracts meet the rigorous QC and GMP requirements set by the industries they are sold to.



**Vibrant!**

**4330SD**  
**PE HOPS 4:1**  
*Humulus lupulus (Hops) Extract*

PRODUCT CODE	PRODUCT NAME	INCI NAME
5004	ARNICA (EXTERNAL USE ONLY) TINCTURE	<i>Heterotheca Inuloides Flower Extract</i>
5006C	BENZOIN COMPOUND TINCTURE	<i>Styrax Benzoin Resin Extract, Myroxylon Ba/samum (Balsam Tofu) Extract, Aloe Ferrox Leaf Extract</i>
5201	BIO-FLAVONOIDS FE	<i>Rosa canina (Rose) Hips Extract, Citrus sinensis (Sweet Orange) Peel Extract, Citrus Limon (Lemon) Peel Extract</i>
5008	BLACK COHOSH FE	<i>Cimicifuga racemosa Root Extract</i>
5009	BLACK WALNUT FE	<i>Juglans Nigra (Black Walnut) Shell Extract</i>
5012	BLUEBERRY LEAF FE	<i>Vaccinium spp. (Blueberry) Leaf Extract</i>
5019	BUCKTHORN BARK FE	<i>Frangula Alnus Bark Extract</i>
5020	BURDOCK FE	<i>Arctium lappa Root Extract</i>
5022A	CAPSICUM FE	<i>Capsicum Annum Fruit Powder</i>
5022	CAPSICUM TINCTURE	<i>Capsicum Annum Fruit Powder</i>
5023-A	CASCARA SAGRADA FE	<i>Rhamnus Purshiana Bark Extract, Glycyrrhiza Glabra (Licorice) Root Extract, Illicium Verum (Anise) Fruit/Seed Oil, Coriandrum Sativum (Coriander) Seed Oil</i>
5024	CAT-NIP FE	<i>Nepeta Cataria Extract</i>
5026	CHAMOMILE FE	<i>Chamomilla Recutita (Matricaria) Flower Extract</i>
5029	CINNAMON FE	<i>Cinnamomum Cassia Bark Extract</i>
5038	DAMIANA LEAF FE	<i>Turnera Difusa Leaf Extract</i>
5039	DANDELION ROOT FE	<i>Taraxacum Officinale (Dandelion) Root</i>
5040	DEVILS CLAW FE	<i>Harpagophytum Procumbens Root Extract</i>
5043	ECHINACEA (ANGUSTIFOLIA) FE	<i>Echinacea angustifolia Root Extract, Echinacea purpurea Flower/Leaf/Stem Extract, Echinacea purpurea Root Extract</i>
5461T	ECHINACEA PURPUREA TOPS TINCTURE	<i>Echinacea Purpurea Flower/ Leaf/ Stem Extract</i>
5044	ELDER FLOWERS FE	<i>Sambucus Nigro Flower Extract</i>
5058	ELEUTHERO FE	<i>Acanthopanax Senticosus (Eleuthero) Root Extract</i>
5051	FENUGREEK FE	<i>Trigonella Foenum-Graecum Seed Extract</i>

5052	FO-TI FE	<i>Polygonum multiflorum (Fo-Ti) Root Extract</i>
5054	GENTIAN ROOT FE	<i>Gentiana Lutea Root Extract</i>
5055B	GINGER ROOT FE	<i>Zingiber Officinale (Ginger) Root Extract</i>
5054A	GINKGO BILOBA FE	<i>Ginkgo Biloba Leaf Extract</i>
5057	GINSENG AMERICAN FE	<i>Panax Quinquefolius Root Extract</i>
5059	GOLDEN SEAL ROOT FE	<i>Hvdrastis Canadensis Root Extract</i>
5061	GOTU KOLA FE	<i>Centella Asiatica Extract</i>
5062A	GUARANA FE	<i>Paullinia cupana (guarana) seed extract</i>
5192	GUARANA/PANAX GINSENG BLEND	<i>Panax Ginseng Root Extract, Paullinia Cupana Seed Extract</i>
5193	GUARANA/GINSENG BLEND	<i>Acanthopanax Senticosus (Eleuthero) Root Extract, Paullinia Cupana Seed Extract</i>
5063	HAWTHORNE BERRIES FE	<i>Crataegus oxyacantha (Hawthorne) Fruit Extract</i>
5066	HOPS FE	<i>Humulus lupulus (Hops) Extract</i>
5067	HOREHOUND FE	<i>Marrubium Vulgare Extract</i>
5071	HYSSOP FE	<i>Hyssopus Officinalis Extract</i>
5077	KOLA NUT FE	<i>Cola nitida Seed Extract</i>
5079	LAVENDER FE	<i>Lavandula Angustifolia (Lavender) Flower Extract</i>
5083	LICORICE ROOT FE	<i>Glycyrrhiza Glabra (Licorice) Root Extract</i>
5084	LINDEN FLOWER FE	<i>Tilia argentea Flower Extract</i>
5088	MARIGOLD FE	<i>Calendula Officinalis Flower Extract</i>
5089	MARSHMALLOW FE	<i>Althaea Officinalis Root Extract</i>
5090D	MILK THISTLE FE	<i>Silybum Marianum Seed Extract</i>
5095	MUIRA PAUMA ROOT FE	<i>Ptychopetalum Olacoides Root Extract</i>
5096-T	MYRRH GUM TINCTURE	<i>Commiphora myrrha (Myrrh Gum) Resin Extract</i>
5097	NETTLES LEAF FE	<i>Urtica Dioica (Nettle) Leaf Extract</i>
5098	NEUTRAL HENNA FE	<i>Cassia obovata (Henna) Leaf Extract</i>
5101	OATS FE	<i>Avena Sativa (Oat) Seed Extract</i>
5103	ORANGE PEEL (SWEET) FE	<i>Citrus sinensis Peel Extract</i>
5103-A	ORANGE PEEL SWEET #3 TINCTURE	<i>Citrus sinensis Peel Extract</i>
5191	PANAX GINSENG FE	<i>Panax ginseng Root Extract</i>

5110	PASSION FLOWER FE	<i>Passiflora Incarnato Flower Extract</i>
5113	PEPPERMINT FE	<i>Mentha Piperita (Peppermint) Leaf Extract</i>
5119	PRICKLY ASH BARK FE	<i>Prickly Ash (Zanthoxylum americanum) Bark Extract</i>
5119-A	PROPOLIS TINCTURE	<i>Resina propoli (Propolis) Powder</i>
5123	RED CLOVER TOPS FE	<i>Trifolium pratense (Red Clover) Tops Extract</i>
5126	RHUBARB ROOT FE	<i>Rheum Palmatum Root Extract</i>
5132	SARSAPARILLA FE	<i>Smilax spp. (Sarsaparilla) Root Extract</i>
5134A	SCHIZANDRA FE	<i>Schisandra Chinensis Fruit Extract</i>
5135	SKULLCAP FE	<i>Skullcap (Scutellaria lateriflora) Aerial Parts Extract</i>
5149	VALERIAN FE	<i>Valerian (Valeriana officinalis) Rhizome/ Root Extract</i>
5150-A	WHITE PINE COMPOUND FE	<i>Pinus Strobus Bark Extract, Prunus Serotina (Wild Cherry) Bark Extract, Populus Nigra Bud Extract, Sanguinaria Canadensis Root Extract, Aralia Racemosa Extract</i>
5152	WILD CHERRY BARK FE	<i>Prunus Serotina (Wild Cherry) Bark Extract</i>
5154	WILD YAM FE	<i>Dioscorea Villosa (Wild Yam) Root Extract</i>
5159	YELLOW DOCK ROOT FE	<i>Rumex Crispus Root Extract</i>
5159-A	YERBA MATE FE	<i>Yerba Mate (Ilex paraguariensis) Leaf Extract</i>

**5083**  
**FE Licorice Root**  
*Glycyrrhiza glabra (Licorice) Root Extract*

**Package Sizes:**  
We understand you may only need a small pail or you may need 200 kilograms. We offer:  
**Tinctures available in: 17 kilogram pails and 200 kilogram drums**  
**Fluid extracts available in: 20 kilogram pails and 200 kilogram drums**



# Alcohol Free Extracts

Bio-Botanica pioneered the alcohol free extract for the supplement and food industries and provides extracts in a suitable form without alcohol. These extracts are available in glycerin. They can also be prepared in Zemea® (propendiol) on request. These alcohol free extracts meet the rigorous QC and GMP requirements set by the industries they are sold to.



**5447**  
**AF Cranberry**  
*Vaccinium macrocarpon (Cranberry)*  
 Fruit Extract

*Sweeeeet!*

**Custom Extract Blends Available Upon Request**  
**Contact an Associate for Details**

PRODUCT CODE	PRODUCT NAME	INCI NAME
5402	ALFALFA AF	<i>Medicago sativa (Alfalfa) Herb Extract</i>
RD_9189 AF	AMERICAN GINSENG	<i>Panax Quinquefolius (American Ginseng) Root Extract</i>
5475	AMERICAN GINSENG AF	<i>American Ginseng (Panax Quinquefolium) Root Extract</i>
RD_9138	ANGELICA ROOT (1:2) AF	<i>Angelica Archangelica (Angelica) Root Extract</i>
5404	ASHWAGANDHA AF	<i>Withania somnifera (Ashwagandha) Whole Plant Extract</i>
5404ST	ASHWAGANDHA STANDARDIZED	<i>Withania somnifera (Ashwagandha) Whole Plant Extract</i>
RD_9111	ASHWAGANDHA (1:2) AF	<i>Withania Somnifera Root Extract</i>
5406	ASTRAGALUS AF	<i>Astragalus Membranaceus Root Extract</i>
5409	BILBERRY AF	<i>Vaccinium myrtillus (Bilberry) Fruit Extract</i>
5182	BLACK WALNUT & WORMWOOD AF	<i>Eugenia Caryophyllus (Clove) Bud Extract, Juglans Nigra (Black Walnut) Shell Extract, Artemisia Annuua Extract, Artemisia Absinthium Extract</i>
RD_9192	BLACK WALNUT AF	<i>Juglans Nigra (Black Walnut) Shell Extract</i>
5414	BLACK WALNUT HULLS AF	<i>Juglans Nigra (Black Walnut) Shell Extract</i>
5420	BLUE COHOSH AF	<i>Caulophyllum thalictroides (Blue Cohosh) Root Extract</i>
5426	BURDOCK ROOT AF	<i>Arctium Lappa Root Extract</i>
RD_9139	CARDAMOM (1:2) AF	<i>Elettaria Cardamomum (Cardamon) Seed Extract</i>
5430	CAT'S CLAW AF	<i>Uncaria tomentosa (Cat's Claw) Bark Extract</i>
RD_9381	CHAGA (1:2) AF	<i>Inonotus Obliquus (Chaga Mushroom) Fruiting Body Extract</i>
5435	CHAMOMILE FLOWERS AF	<i>Chamomilla Recutita (Matricaria) Flower Extract</i>
RD_9131	CINNAMON (1:2) AF	<i>Cinnamomum Cassia (Cinnamon) Bark Extract</i>
5440	CLEAVERS AF	<i>Galium Aparine Extract (aerial parts)</i>
RD_9132	CLOVES (1:2) AF	<i>Syzgium Aromaticum (Clove) Flower Extract</i>
RD_9383	CORDYCEPS (1:2) AF	<i>Cordyceps Militaris ( Cordyceps) Fruiting Body Extract</i>
5446	CORNSILK AF	<i>Zea Mays (Corn) Silk Extract</i>

5447	CRANBERRY AF	<i>Vaccinium Macrocarpon (Cranberry) Fruit Extract</i>
5448	DAMIANA AF	<i>Turnera Diffusa Leaf Extract</i>
5450	DANDELION ROOT AF	<i>Taraxacum Officinale (Dandelion) Rhizome/ Root Extract</i>
5453	DEVIL'S CLAW AF	<i>Harpagophytum Procumbens Root</i>
5454	DONG QUAI AF	<i>Angelica Polymorpha Sinensis Root Extract</i>
5455	ECHINACEA AF	<i>Echinacea purpurea Flower/Leaf/Stem Extract, Echinacea angustifolia Root Extract, Echinacea purpurea Root Extract</i>
5457	ECHINACEA/GOLDENSEAL AF	<i>Echinacea Purpurea Root Extract, Echinacea Purpurea Tops Extract, Echinacea Angustifolia Root Extract, Hydrastis Canadensis (Goldenseal) Root Extract</i>
5458	ELDERBERRY AF	<i>Sambucus Nigra Fruit Juice</i>
5476	ELEUTHERO AF	<i>Acanthopanax Senticosus (Eleuthero) Root Extract</i>
5460	EYEBRIGHT AF	<i>Euphrasia spp.(Eyebright) Herb Extract</i>
RD_9133	FENNEL SEED (1:2) AF	<i>Foeniculum Vulgare (Fennel) Seed Extract</i>
5463	FENUGREEK AF	<i>Trigonella foenum-graecum Seed Extract</i>
5466	FEVERFEW AF	<i>Tanacetum parthenium Extract (Aerial Parts)</i>
RD_9112	GENTIAN ROOT (1:2) AF	<i>Gentiana Lutea (Gentian) Root Extract</i>
5472	GINGER AF	<i>Zingiber officinale (Ginger) Root Extract</i>
RD_9143	GINGER (1:2) AF	<i>Zingiber Officinale (Ginger) Root Extract</i>
RD_9123	GINSENG ROOT (1:2) AF	<i>Panax Ginseng (Ginseng) Root Extract</i>
5478	GOLDENSEAL AF	<i>Hydrastis Canadensis (Goldenseal) Root Extract</i>
5482	GOTU KOLA HERB AF	<i>Centella Asiatica Extract</i>
RD_9134	GOTU KOLA (1:2) AF	<i>Centella Asiatica ( Gotu Kola) Extract</i>
5483	GREEN TEA AF	<i>Camellia Sinensis Leaf Extract</i>
RD_9180	GUARANA EXTRACT (1:2) AF	<i>Paullinia Cupana ( Guarana) Seed Extract</i>
98525	GUARANA AF	<i>Paullinia Cupana Seed Extract</i>
5484	HAWTHORN BERRIES AF	<i>Crataegus oxyacantha (Hawthorne) Fruit Extract</i>
RD_9124	HIBISCUS (1:2) AF	<i>Hibiscus Sabdariffa ( Hibiscus) Flower Extract</i>
RD_9158	HOLY BASIL	<i>Ocimum Sanctum (Holy Basil) Leaf Extract</i>

RD_9191	HOPS AF	<i>Humulus Lupulus (Hops) Flower Extract</i>
5487NA	HOPS AF	<i>Humulus lupulus (Hops) Flower Extract</i>
5489	HORSETAIL AF	<i>Horsetail (Equisetum Arvense) Extract</i>
RD_9125	JUNIPER BERRIES (1:2) AF	<i>Juniperus Communis (Juniper) Fruit Extract</i>
5496	KAVA AF	<i>Piper Methysticum Root Extract</i>
5477	KOREAN GINSENG AF	<i>Panax ginseng Root Extract</i>
5207	LEMON BALM AF	<i>Melissa Officinalis Leaf Extract</i>
RD_9128	LEMON PEEL (1:2) AF	<i>Citrus Limon (Lemon) Peel Extract</i>
5498	LICORICE ROOT AF	<i>Licorice (Glycyrrhiza glabra) Root Extract</i>
RD_9380	LION'S MANE (1:2) AF	<i>Hericium Erinaceus( Lions Mane Mushroom) Fruiting Body Extract</i>
3293	LINDEN FLOWER 5:1 IN PG	<i>Tilia argentea Flower Extract</i>
5827	MACA ROOT (1:2) AF	<i>Lepidium Meyenii ( Maca) Root Extract</i>
RD_9384	MAITAKE (1:2) AF	<i>Grifola Frondosa (Maitake Mushroom) Fruiting Body Extract</i>
5500	MAITAKE AF	<i>Grifola frondosa (Maitake) Mushroom Extract</i>
5504	MARSHMALLOW ROOT AF	<i>Althaea Officinalis Root Extract</i>
5510	MILK THISTLE AF	<i>Silybum Marianum Seed Extract</i>
5513	MUIRA PAUMA AF	<i>Ptychopetalum Olacoides Root Extract</i>
5512	MULLEIN LEAVES AF	<i>Verbascum thapsus (Mullein) Leaf Extract</i>
5514	NETTLES AF	<i>Urtica Dioica (Nettle) Leaf Extract</i>
RD_9127	ORANGE PEEL (1:2) AF	<i>Citrus Sinensis (Orange) Peel Extract</i>
5518	PASSION FLOWER AF	<i>Passiflora Incarnata Flower Extract</i>
5521	PAU D'ARCO	<i>Tabebuia Impetiginosa Bark Extract</i>
5526	PEPPERMINT AF	<i>Mentha Piperita (Peppermint) Leaf Extract</i>
RD_9135	PEPPERMINT (1:2) AF	<i>Mentha Piperita (Peppermint) Leaf Extract</i>
5529	PURESTEROL® PUERARIA MIRIFICA EXTRACT Pat#7658955	<i>Pueraria mirifica root extract</i>
5530	RED CLOVER TOPS AF	<i>Trifolium Pratense (Clover) Flower Extract</i>
5538	RED RASPBERRY LEAF AF	<i>Rubus ideaus (Raspberry) Leaf Extract</i>
5541	REISHI AF	<i>Ganoderma Lucidum (Reishi) Mushroom Extract</i>
5542	RHODIOLA ROOT AF	<i>Rhodiola (Rhodiola rosea) Root Extract</i>
RD_9193	RHUBARB AF	<i>Rheum Officinale (Rhubarb) Seed Extract</i>

5543	ROSEMARY AF	<i>Rosmarinus Officinalis (Rosemary) Leaf Extract</i>
5545	SAGE AF	<i>Salvia Officinalis (Sage) Extract</i>
5549	SAW PALMETTO BERRIES AF	<i>Serenoa Serrulata Fruit Extract</i>
5551	SKULLCAP HERB AF	<i>Skullcap (Scutellaria lateriflora) Aerial Parts Extract</i>
RD_9379	SHIITAKE MUSHROOM (1:2) AF	<i>Lentinus Edodes ( Shiitake Mushroom) Fruiting Body Extract</i>
5552B	SHIITAKE AF	<i>Lentinus edodes (Shiitake) Mushroom Extract</i>
5554	ST JOHN'S WORT AF	<i>Hypericum Perforatum Flower/Leaf/Stem Extract</i>
RD_9382	TURKEY TAIL (1:2) AF	<i>Trametes Versicolor (Turkey Tail Mushroom) Fruiting Body Extract</i>
5560	VALERIAN ROOT AF	<i>Valeriana Officinalis Root Extract</i>
5565	WHITE WILLOW BARK AF	<i>White Willow (Salix alba) Bark Extract</i>
RD_9122	WILD CHERRY BARK (1:2) AF	<i>Prunus Serotina (Wild Cherry) Bark Extract</i>
5567	WILD YAM AF	<i>Dioscorea Villosa (Wild Yam) Root Extract</i>
5574	YERBA MATE	<i>Ilex Paraguariensis Leaf Extract</i>
RD_9113	YERBA MATE (1:2) AF	<i>Ilex Paraguariensis (Yerba Mate) Leaf Extract</i>
RD_9190	YERBA SANTA (1:2) AF	<i>Eriodictyon Californicum ( Yerba Santa) Leaf Extract</i>
5160-E	YOHIMBE AF	<i>Corynanthe Yohimbe Bark Extract</i>
5570	YUCCA AF	<i>Yucca schidigera (Yucca) Stem Extract</i>

### Package Sizes:

We understand you may only need a small pail or you may need 200 kilograms. We offer:  
**23 kilogram pails | 200 kilogram drums | Custom Orders**

# Most Commonly Used Botanicals in Food & Beverages



### Alcoholic Beverages - Malt Beverages, Wines, Liquors

Elder, Ginseng, Juniper, Lemon Peel, Orange Peel, Quassia

### Non-Alcoholic Beverages - Fruit Based Beverages, Juices, Teas, Water

Astragalus, Capsicum, Celery, Chamomile, Cinnamon, Damiana, Dandelion, Echinacea, Elder, Fennel, Fenugreek, Gentian, Ginkgo, Ginseng, Gotu Kola, Green Tea, Guarana, Hops, Horehound, Juniper, Kola Nut, Lavender, Lemon Peel, Licorice, Linden, Oats, Orange Peel, Parsley, Pau d'arco, Periwinkle, Quassia, Rosemary, Sage, Sarsaparilla, Schizandra, Scullcap, St. John's Wort, Valerian, Wild Cherry Bark, Yohimbe

### Bittering Agent - Quassia    Bitters - Dandelion, Gentian

### Baked Goods - Breads, Cakes & Muffins

Capsicum, Celery, Chamomile, Cinnamon, Dandelion, Elder, Fennel, Fenugreek, Garlic, Gentian, Hops, Horehound, Juniper, Kola Nut, Lemon Peel, Licorice, Orange Peel, Parsley, Rosemary, Sage, St. John's Wort, Thyme, Wild Cherry Bark

### Breath Sweeteners - Dong Quai, Parsley, Peppermint, Rosemary, Thyme

**Confections & Healthy Snacks - Throat Drops, Nutritional Bars, Healthy Chips** Chamomile, Dandelion, Echinacea, Elder, Fenugreek, Gentian, Ginkgo, Guarana, Hops, Horehound, Juniper, Kola Nut, Lemon Peel, Licorice, Orange Peel, Rosemary, St. John's Bread, Thyme, Wild Cherry Bark

### Chewing Gum - Dong Quai, Chamomile, Cinnamon, Fenugreek

### Condiments & Sauces - Salsas, Marinades, & Salad Dressings

Capsicum, Celery, Cinnamon, Fennel, Fenugreek, Garlic, Juniper, Parsley, Rosemary, Sage, Thyme, Tamarind

### Energy - Eleuthero, Gotu Kola, Guarana, Kola Nut, Panax Ginseng, Schizandra

**Ice Cream, Sorbets, & Frozen Desserts** - Celery, Chamomile, Cinnamon, Dandelion, Echinacea, Elder, Fenugreek, Gentian, Ginseng, Green Tea, Hops, Horehound, Juniper, Kola Nut, Lemon Peel, Licorice, Orange Peel, Rosemary, Sarsaparilla, St. John's Wort, Wild Cherry Bark

### Immune Support - Astragalus, Bee Pollen, Echinacea, Garlic, Pau d'arco, Schizandra

### Mental Alertness - Ginkgo, Gotu Kola, Periwinkle, Rosemary

### Mood Support - Damiana, Licorice, Oats, Rosemary, Schizandra, St. John's Wort

**Poultry, Fish, and Meats** - Capsicum, Celery, Cinnamon, Fennel, Fenugreek, Garlic, Parsley, Rosemary, Sage, Thyme

### Soups and Stews - Celery, Fennel, Parsley, Rosemary, Sage, Thyme

### Syrups - Fenugreek, Lemon Peel, Licorice, Orange Peel, Wild Cherry Bark

**Tension or Stress** - Chamomile, Lavender, Linden, Rosemary, Scullcap, St. John's Wort, Valerian

# Puresterol®

## Clinically Studied Compound of *Pueraria mirifica*

*Pueraria mirifica* is native to Southeast Asia, and grows in the rich soils of the high-altitude rainforests of Thailand. It has been used for a millennium as a rejuvenator and revitalizer to help offset some of the effects of aging.



### Traditional Benefits

*Pueraria mirifica* is regarded as a “Fountain of Youth” because it possesses many phytochemicals, like Miroestrol, which has been shown to relieve menopausal symptoms.\*

### The Only Standardized *Pueraria Mirifica* (U.S. Patent# 7,658,955)

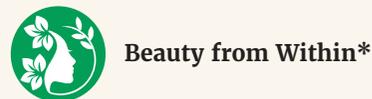
Bio-Botanica's proprietary extraction process creates this clinically studied compound of *Pueraria mirifica* which has been standardized for both Miroestrol >= 300mcg / 100g and Isoflavonoids >= 20mg / 100g.



### Tradition-Inspired Women's Health

Puresterol is formulated for ingestible applications, ideal for dietary supplements, beauty-from-within products, and women's wellness formulas. Traditionally used in Thai herbal medicine, it is known to support hormonal balance, skin elasticity, and relief from common symptoms of menopause.\* Its benefits align with growing consumer demand for natural, plant-based solutions that promote graceful aging and daily vitality.\*

### Functional Properties



### Product Details

<b>Part ID:</b> 5529	<b>Product Description:</b> Puresterol®	<b>Form:</b> Liquid
<b>Type:</b> Liquid Extract	<b>Main Carrier/Solvent:</b> Glycerin	<b>Application:</b> Ingestible

\*These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

# Ashwagandha

## Standardized to Withaferin and Withanolides

Bio-Botanica supplies ashwagandha formulated from the highest quality Kosher Certified, non-irradiated, Non-GMO raw material, standardized for the active constituents Withaferin A and Withanolides.



### Traditional Benefits

Ashwagandha has been honored for centuries in Ayurveda, the ancient Indian health science. Ashwagandha is considered to be an adaptogen, recognized to support the body in dealing with the onslaughts and stresses of life: environmental, physical, and emotional, which may lead to signs of aging.\*

### Market Overview/ Projected Sales

Ashwagandha continues to see rising demand across global markets, particularly in the adaptogen and stress-relief categories. The global ashwagandha market was valued at USD 766 million in 2022 and is projected to reach USD 1.29 billion by 2030, growing at a CAGR of 6.9% (Source: Data Bridge Market Research). In the U.S., ashwagandha has rapidly gained traction in dietary supplements, functional beverages, and skincare, driven by its adaptogenic and wellness benefits.\* Consumer interest in mood, energy, and hormonal balance support continues to fuel growth in both traditional and innovative product formats.

### Functional Properties



### Product Use Case

Ashwagandha AF Liquid Extract is designed for ingestible use in a wide range of wellness applications, including functional beverages, daily stress support shots, and dietary supplements. Known for its adaptogenic properties, it's a popular choice in products that promote energy, mood balance, and overall vitality.\*



### Product Details

<b>Part ID:</b> 5404ST	<b>Product Description:</b> Ashwagandha	<b>Form:</b> Liquid
<b>Type:</b> Liquid Extract	<b>Main Carrier/Solvent:</b> Glycerin	<b>Application:</b> Ingestible

\*These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

# AF Mullein Leaves

## Natural Respiratory Health\*

Mullein Leaf (*Verbascum thapsus L*) is a flowering plant in the figwort family, native to Europe, Asia, and the Mediterranean, and is widely found in fields and waste areas throughout the United States. If you feel the leaves you will understand the common name of "Velvet Plant," since the leaves have a soft velvety texture.



### Traditional Benefits

Mullein Leaf has a long history of use in traditional European and Native American herbalism. It has been valued for its ability to support respiratory health, soothe irritation in the throat and lungs, and promote natural clearing of mucus during seasonal changes.\*

### Market Overview/ Projected Sales

The Mullein Leaf extract market is expanding as consumers explore botanical options for respiratory and immune health.\* The global mullein extract market is expected to grow at a CAGR of 5.7% from 2024 to 2030, reaching USD 180.6 million by 2030, up from USD 117.4 million in 2023 (Source: Market Research Future). In the U.S., mullein leaf has become increasingly popular in alcohol-free tinctures, herbal syrups, and functional teas, supporting seasonal wellness and holistic respiratory care.\* The trend aligns with consumer shifts toward plant-based, traditional remedies in clean-label formulations.

### Product Details

**Part ID:** 5512      **Product Description:** AF Mullein Leaves      **Form:** Liquid  
**Type:** Liquid Extract      **Main Carrier/Solvent:** Glycerin      **Application:** Ingestible

\*These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

### Functional Properties



**Respiratory Support\***



**Immune Support\***

### Product Use Case

Mullein Leaf AF Liquid Extract is formulated for ingestible applications, making it ideal for use in dietary supplements, functional beverages, and herbal syrups. Traditionally used to support respiratory health and soothe seasonal discomfort,\* it fits perfectly into today's clean-label, plant-based wellness products.

# Maca Root (*Lepidium meyenii*)

## A Proprietary Herbal Solution by Bio-Botanica®

Cultivated in the high-altitude regions of the Peruvian Central Andes, Maca Root (*Lepidium meyenii*) is an esteemed member of the Brassicaceae family with a history of traditional use for its adaptogenic abilities. Appreciated for its nutrient-dense profile, Maca Root offers a specialized blend of compounds. This root is embraced for its remarkable support of sexual health, supports a balanced mood\*, supports adjusting to the effects of stress\*, supports healthy energy and vitality\*, for those aiming for a balanced, wellness-focused lifestyle.

Safely consumable and nourishing, Maca integrates seamlessly into health-conscious diets and its popularity doesn't end at dietary inclusions; it's also a beneficial component in the cosmetic and personal care sectors, attributed to its skin and immune system benefits.



### Three Strains of Maca Root

**Black Maca:** Traditionally associated with male fertility and cognitive performance.\*

**Red Maca:** Historically linked to hormonal balance, prostate health, and bone support.\*

**Yellow Maca:** Commonly used for energy, support for dealing with the effects of stress, and overall vitality.\*

### Active Components

**Adaptogens:** Plant compounds that help the body manage stress and maintain balance.

**Naturally Occurring Nutrients:** vital for growth and overall health.

**Macaenes:** Unique long-chain fatty acid derivatives found in Maca.

**Alkaloids:** Organic compounds with diverse physiological roles.

### Product Details

**Part ID:** 5827      **Form:** Liquid  
**Product Descr.** AF Maca Root in Glyc (1:2)  
**Type:** Alcohol Free Fluid Extract  
**Main Carrier/Solvent:** Glycerin  
**Application:** Ingestible

Sources: Research Nester. (2024, July). Maca extract market size & share, by type (raw/regular maca powder, gelatinized maca powder), color (black, red, yellow), application (pharmaceutical, therapeutic, nutritional powders, bakery products, beverages) – global supply & demand analysis, growth forecasts, statistics report 2024–2036. Retrieved from <https://www.researchnester.com/reports/maca-extract-market/2729>  
 Crendence Research. (2022). Maca powder market by type (regular, gelatinized), by application (health drugs, health foods, health supplements), by region (North America, Europe, Asia Pacific, Latin America, Middle East & Africa) – growth, future prospects, competitive analysis, 2016–2028. Retrieved from <https://www.crendenceresearch.com/report/maca-powder-market>

### Functional Properties



**Sexual Function & Fertility\***



**Women's Health\***



**Energy & Endurance\***



**Prostate Health\***

### The Rise of Maca in the Market

The global maca extract market is growing rapidly, valued at USD 59.59 million in 2023 and projected to reach USD 100.46 million by 2036 (CAGR: 4.1%). Latin America will lead with 35% of the market share, followed by North America at 28%, driven by health trends and demand for exotic goods. The maca powder segment is also thriving, with revenue of USD 492.32 million in 2021, expected to hit USD 1,042.07 million by 2028 (CAGR: 9.86%).

\*The traditional uses described are not validated in multiple, well controlled, clinical scientific studies. These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure or prevent any disease.

# Reishi AF Liquid Extract

## Natural Support for Heart & Immune Health\*

Throughout history, Reishi (*Ganoderma lucidum*) has grown in the dense East Asian forests and has become a cornerstone in traditional Eastern health practices. Esteemed for its cardiovascular support\*, immune system enhancement\*, and vitality-boosting attributes\*. It's a part of Bio-Botanica's natural product selection, celebrated for its historical uses in health and wellness\*, and is available for consumption, bringing ancient wisdom to modern lifestyles.

Bio-Botanica includes Reishi in its lineup, emphasizing the mushroom's potent natural compounds and making it accessible for today's dietary needs. This full spectrum, holistically balanced herbal extract is an integral component for those looking to support health categories like cardiovascular function\*, immune system strength\*, and energy levels\*. It fits seamlessly into the dietary supplement market, allowing professionals and consumers alike to harness the storied benefits\* of Reishi in their pursuit of a balanced and healthy regimen.



### Active Constituents

This product contains a range of naturally occurring plant-derived components that contribute to its functional benefits, including:

**Immune System Support:** Supports immune modulation & overall immune health.\*

**Supports Cardiovascular Wellness.\***

**Hormonal Balance:** Helps maintain systemic harmony and overall wellness.\*

**Holistic Support:** Contributes to overall body balance & immune defense mechanisms.\*

### Market Overview/ Projected Sales

The global market for functional mushrooms, including Reishi, continues to grow rapidly as consumers seek natural, plant-based health solutions.

• **Functional Mushroom Market:** Expected to reach **\$19.3 billion** by 2028, with a **CAGR of 8.0%** (Source: Fortune Business Insights)

• **Dietary Supplement Market:** Projected at **\$230 billion** by 2027, with strong demand for immune and cardiovascular health products. (Source: Allied Market Research)

Fortune Business Insights. (n.d.). Functional mushrooms market size, share & industry analysis. Retrieved from <https://www.fortunebusinessinsights.com/industry-reports/functional-mushrooms-market-101511> Allied Market Research. (n.d.). Dietary supplements market overview. Retrieved from <https://www.alliedmarket-research.com/dietary-supplements-market>

### Traditional Use Benefits

- **Cardiovascular Support:** Traditionally used to promote heart health & circulation.\*
- **Immune Enhancement:** Renowned for strengthening the immune system and fostering resilience.\*
- **Vitality & Longevity:** Praised for boosting energy, endurance, and overall vitality.\*



**Cardiovascular Health\***



**Energy & Endurance\***



**Immune System Health\***

### Product Details

**Part ID:** 5541 **Form:** Liquid

**Product Description:** AF Reishi

**Type:** Alcohol Free Fluid Extract

**Main Carrier/Solvent:** Glycerin

**Application:** Ingestible



# Shiitake AF Liquid Extract

## Immune Support\* with Shiitake Essence

Bio-Botanica provides a versatile range of Shiitake mushroom extracts, each tailored to food and beverage industries. Known for its adaptogen properties, Shiitake is a valuable ingredient for ingestible products. Offered as a 1:2 glycerin-based liquid extract crafted for ingestible applications.

Revered in traditional wellness practices, Shiitake supports immune health and promotes vitality and resilience\*. Perfect for dietary supplements and functional food formulations.



### Traditional Benefits

**Legacy in Asian Medicine:** Historically used in China and Japan for vitality and longevity.\*

**Culinary and Medicinal Use:** Utilized both as a food and a medicine in traditional practices for centuries to enhance body resilience.\*

**Adaptogen Qualities:** Historically believed to help support the body's response to everyday stress and exert a normalizing effect upon bodily processes.\*

### Market Overview

The U.S. dietary supplements market, including botanical ingredients like Shiitake extracts, is projected to grow from USD 153.7 billion in 2024 to USD 221.8 billion by 2030, representing a CAGR of 6.3%. This growth is driven by increasing consumer awareness of natural and holistic health solutions, with a rising preference for adaptogens like Shiitake in functional foods and beverages.



### Product Details

**Part ID:** RD9379

**Type:** Liquid Extract

**Product Description:** AF, Shiitake Mushroom

**Main Carrier/Solvent:** Glycerin

**Form:** Liquid Extract

**Application:** Ingestible

\*These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease. Sources: Grand View Research, Wissen Research <https://www.grandviewresearch.com/industry-analysis/dietary-supplements-market-report> <https://www.wissenresearch.com/dietary-supplements-market-global-forecast-2030/>

### Functional Properties

**Immune Support\*:** Shiitake mushrooms contain naturally occurring polysaccharides, which support immune system functionality.\*

**Energy Enhancement\*:** Known for supporting healthy energy levels\* due to its unique nutrient profile, Shiitake is often included in energy-supporting supplements.

**Naturally Occurring Cell Protective Components:** Shiitake helps protect cells from oxidative stress.\*



**Immune Support\***



**True Adaptogen**



**Healthy Response to Everyday Stress\***



**Energy Support\***

# Chaga AF Liquid Extract

## Harness the Power of Chaga

Chaga (*Inonotus obliquus*) Bio-Botanica offers premium Chaga mushroom extracts, tailored for applications in the food & beverage and personal care industries. Known as the "King of Medicinal Mushrooms," Chaga has been revered for its immune supportive and rejuvenating properties.\*

A 1:2 glycerin-based liquid extract crafted for ingestible applications. With naturally occurring compounds, this extract supports immune health, vitality, and protection against oxidative stress\*. It is an ideal ingredient for dietary supplements and functional foods.



### Traditional Benefits

Revered as the "King of Medicinal Mushrooms" in traditional use cases.\*

Historically used for its rejuvenating properties.\*

Valued in traditional wellness practices for immune support.\*

### Market Overview/ Projected Sales

The U.S. chaga extract market is growing significantly, with an estimated value of USD 0.08 billion in 2022 projected to reach USD 0.18 billion by 2030, reflecting the increasing demand for mushroom-based wellness products. The market is expected to grow at a CAGR of 10.1% from 2024 to 2030, driven by the rising trend of functional foods and dietary supplements.\*

### Product Details

**Part ID:** RD9381 **Form:** Liquid

**Product Descr:** Chaga 1:2 Liquid Extract

**Type:** Alcohol Free Fluid Extract

**Main Carrier/Solvent:** Glycerin

**Application:** Ingestible

### Functional Properties

Supports immune health with naturally occurring compounds.\*

Supports vitality and energy levels.\*

Supports protection against oxidative stress.\*



Immune Support\*



Energy Support\*



Well-Being\*

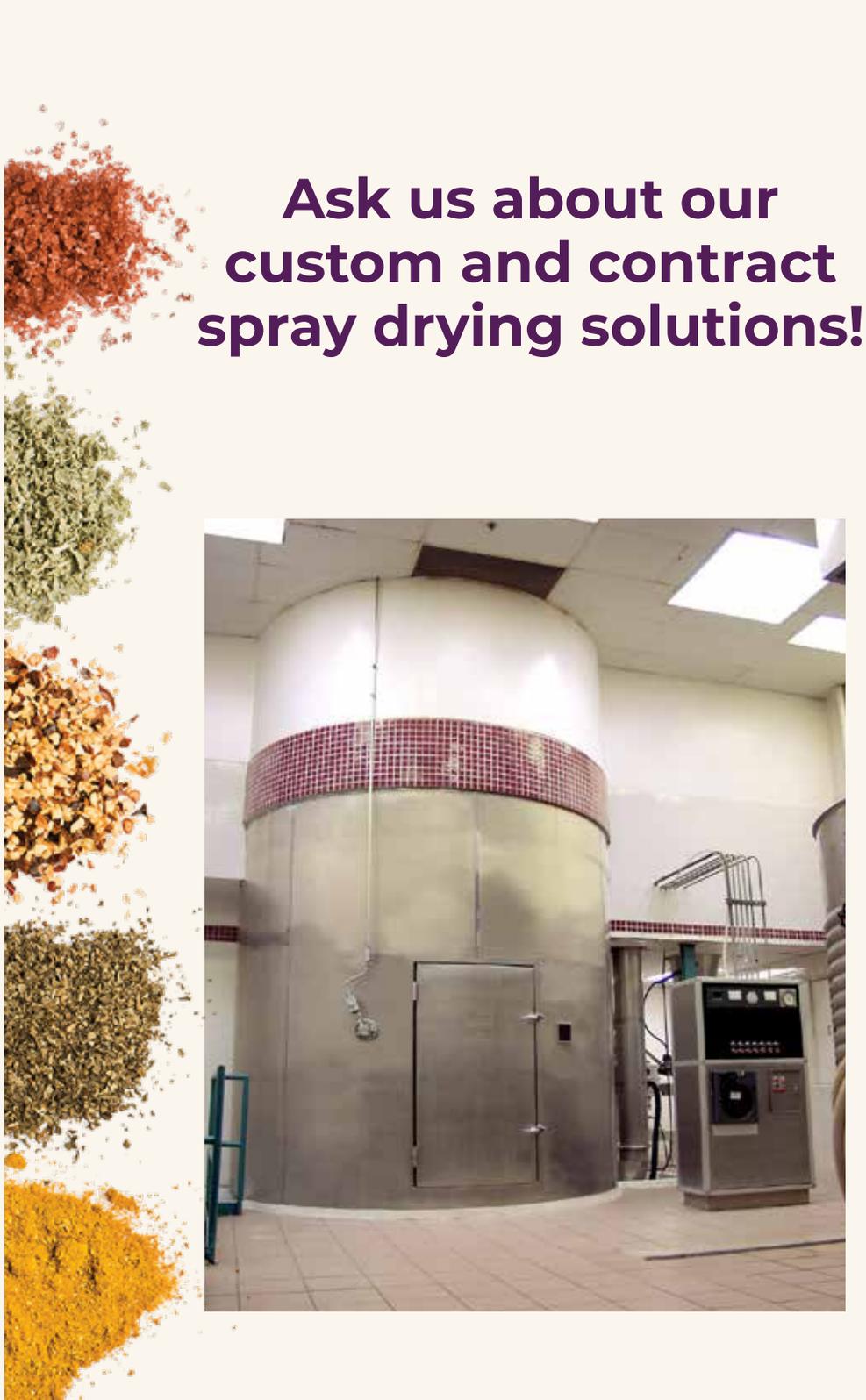


True Adaptogen\*

### Product Use Case

Chaga AF Liquid Extract is formulated for ingestible applications, making it ideal for integration into dietary supplements and functional foods. Its formulation aligns with the growing market demand for natural ingredients in health and wellness products.

\*These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease. Sources: • Grand View Research. (2023). Mushroom extracts market report. Retrieved from <https://www.grandviewresearch.com/industry-analysis/mushroom-extracts-market-report> • LinkedIn. (2024). United states chaga extract market by type. Retrieved from <https://www.linkedin.com/pulse/united-states-chaga-extract-market-type-future-dkfy/>



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