



# Extracts

## Unrivaled Capabilities

Staffed with the most respected chemists, biochemists, botanists, biologists, microbiologists and food

and pharmaceutical experts, BI Nutraceuticals is your best source for natural product expertise. Our well-equipped laboratory is unmatched. State-of-the-art analytical instrumentation allows us to perform a variety of complex testing and chemical analyses. Our capabilities include Microscopic Image Analysis, Organoleptic Testing, Macroscopic Taxonomy, Photo Simulated Luminescence, ICP-MS, GC-MS, Thin Layer Chromatography, High Performance Liquid Chromatography, Fourier Transform Infrared Spectrometry and Mass Spectroscopy—just to name a few. Only BI Nutraceuticals utilizes such a meticulous approach to ensuring quality in its extracts.

## Incomparable Quality

At BI Nutraceuticals, we offer several different types of extracts to address our customers' varying needs. Whether you're looking for a standardized herbal extract or a full spectrum ratio extract, BI Nutraceuticals offers a wide range of products. All of our ingredients are subjected to a complete array of tests, including marker assay, loss on drying, particle size and microbiological testing. The result is a product that meets a quality standard above all others.

## Superior Food and Beverage Extracts

Our extraction process is tailored to meet specific requirements using selective solvents. The biomass is extracted as required and the resultant percolate is concentrated using vacuum and low temperature conditions to produce a viscous liquid. The extract is then spray-dried into a free-flowing powder. These highly soluble extracts provide energy, antioxidant activity and healthy properties and are ideal for food and beverage applications. They're available for custom products on a confidential basis.

## Exceptional Service

BI Nutraceuticals customers expect superior service and we continually strive to meet those expectations.

Whether it is providing specification sheets, certificates of analysis, extraction flow charts, or other types of information, BI Nutraceuticals takes the extra steps to ensure customer success.

## Unparalleled Expertise

Our scientific and manufacturing staff can formulate a customized product for its final application: liquid, tablet, capsule or soft gel.

## Sustained Release Formulas

These formulas are designed for the gradual release of an active agent over a period of time, allowing for a sustained effect.

## Drum to Hopper Formulas

These formulas are ready for use without the need to add lubricants, binders, disintegrates or additional excipients.

## Roller Compaction

Ideal for herbal extracts that cannot be exposed to water or heat, this densification process enhances granularity, flow and compressibility.

## Wet Granulation

By incorporating a binder, we enhance compressibility, product flow and density while decreasing fine particulates.

## Custom Blends

We offer low-shear and high-shear ribbon and low-attrition rotary blending to incorporate a wide variety of combined ingredients.

## Put Our Experience to Work for You

If you aren't already sourcing from BI Nutraceuticals, then you're not taking advantage of a tremendous potential resource. As the largest supplier of herb powders, tea cuts, extracts, tinctures, functional food solutions and custom formulations, we can contribute to your success in the marketplace. Trust us to help you succeed with quality materials, product innovations and other value-added services that you can only expect from BI Nutraceuticals.



**Nutraceuticals**

[www.binutraceuticals.com](http://www.binutraceuticals.com)

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**For more information, or to place an order call 310-669-2100**

## Our Most Popular Extracts

Acai Berry PE 5  
Acerola 17% PE Vitamin C  
Acerola PE 4:1  
Aloe Vera PE 200 Concentrate  
Avena Sativa PE 1.5% Granular  
Black Cohosh PE 4:1  
Black Cohosh PE 2.5% Triterpene Glycosides  
Blueberry PE 5:1  
Butcher's Broom Root PE 5:1  
Calcium Sennosides PE 20%  
Calcium Sennosides PE 60%  
Celery Seed PE 6:1  
Celery Seed PE 2.2% Volatile Oil  
Chamomile Flowers (German) PE 4:1  
Cinnamon Bark PE 4:1  
Clove Flowers PE 5:1  
Cocoa PE 6% Theobromine Granular  
Cocoa PE 10% Theobromine Fine Granular  
Cocoa PE 10% Theobromine Granular  
Cocoa PE 12% Theobromine Granular  
Curcumin PE 95%  
Curcumin PE 95% Granular  
Damiana Leaves PE 4:1  
Dandelion Root PE 4:1  
Dandelion Root PE 5:1  
Devil's Claw Root PE 0.5%  
Devil's Claw Root PE 1.5% Harpagosides  
Dillweed PE 20:1  
Dong Quai PE 4:1  
Echinacea Purpurea Root PE 4:1  
Elder European Berries PE 4:1  
Eleuthero Root PE 0.8% (HPLC)  
Eleuthero Root PE 5:1  
Epimedium PE 10% Flavonoids  
Epimedium PE 10% Icarin  
Esiac Tea PE  
Eyebright Herb PE 4:1, 10% Icarin  
Fenugreek Seed PE 4:1  
Forsythia PE 10:1  
Garcinia Cambogia PE 50% HCA  
Ginger Root Oleoresin PE  
Ginger Root PE 4:1, 6% VO  
Ginger Root PE 5% Gingerols  
Ginkgo Biloba Leaves PE 24/6  
Ginseng (Oriental) Root PE 7% QF  
Ginseng PE Water Soluble 15% Ginsenosides  
Ginseng Root (American) PE 5% Ginsenosides  
Granular QF PE  
Ginseng Root (American) PE 5% Ginsenosides QF  
Ginseng Root (Panax) PE 4%  
Glucomannan PE 90%

Goji Berry PE 60% Polysaccharides  
Goji Berry PE 80% Polysaccharides  
Goldenseal Herb PE 4:1  
Gotu Kola Herb PE 4:1  
Grape Seed PE 95% OPC's  
Grape Seed PE 85% Polyphenols  
Green Tea Leaves PE 15% EGCG/8% Caffeine  
Granular  
Green Tea Leaves PE 15% Polyphenols  
Green Tea Leaves PE 20% Polyphenols  
Decaffeinated  
Green Tea Leaves PE 50% Polyphenols  
Green Tea Leaves PE 40% EGCG  
Green Tea Leaves PE 50% EGCG  
Green Tea Leaves PE 98% Polyphenols 75%  
Catechins 45% EGCG/NMT 3% Caffeine  
Green Tea PE 45% EGCG  
Guarana PE 18% Caffeine  
Guarana PE 20% Caffeine  
Guarana PE 22% Caffeine  
Guarana PE 25% Caffeine  
Guarana PE 28.5% Caffeine  
Guarana PE 36% Caffeine  
Guarana PE 50% Caffeine  
Guarana PE 16% Natural Caffeine  
Guarana PE 28.5% Natural Caffeine  
Guarana PE 30% Natural Caffeine  
Guarana PE 40% Natural Caffeine  
Guarana PE Water Soluble 12% Caffeine  
Guarana Seed PE 4:1  
Guarana Seed PE 10:1  
Guarana Seed PE 36% Caffeine Granular  
Horehound Herb PE 4:1  
Horse Chestnut PE 20% Aescin  
Horseradish PE 5:1  
Kola Nut PE 10% Caffeine  
Kola Nut Granular PE 50% Caffeine  
Kola Nut PE 10%  
Kola Nut PE 10% Granular  
Kudzu Root PE 40% Isoflavones  
Kudzu Root PE 40% Isoflavones Granular  
Licorice Root PE 4:1  
Licorice Root PE 25% Glycyrrhizin  
Loebelia Herb Liquid Extract  
Milk Thistle PE 80% Silymarin  
Naringin PE 95%  
Orange Peel PE 4:1  
Pau D' Arco Liquid Extract  
Pau D' Arco Bark PE 4:1  
Pau D' Arco Bark PE 5:1  
Rhodiola Rosea PE 3% Rosavins  
Rose Hips Fruit PE

Sage Leaves PE 4:1  
Saw Palmetto Berries PE 85% CO<sub>2</sub> Extraction  
Saw Palmetto Berries PE 25%  
Saw Palmetto PE 45% Fatty Acids  
Soy Isoflavones PE 40%  
Soy Isoflavones PE 40% Total Isoflavones  
St. John's Wort PE 0.3% Hypericin  
Tamarind SE PE  
Thyme Leaves PE 4:1  
Uva Ursi PE 4:1  
Valerian Indian PE 4:1  
Valerian Off. PE 0.8% Valerenic Acids  
Valerian Off. PE 4:1  
White Pine Bark PE 4:1  
White Willow Bark PE 4:1  
Wild Cherry Bark SE; FE PE  
Wild Jujube PE 2% Triterpene Saponins  
Yerba Mate PE 4:1  
Yerba Mate PE 20% Natural Caffeine

## NaturSpan - Sustained Release

Ginkgo Leaves PE 16%/4%  
Milk Thistle Seed PE 45% Silymarin  
St. John's Wort PE 0.2% Hypericin

## Beverage Application - Water Soluble Extracts

Acai PE 5:1  
Acerola PE 4:1  
Blueberry PE 5:1  
Eleuthero PE 4:1  
Ginkgo PE S.D.  
Ginseng PE W/S 8%  
Ginseng PE W/S 15%  
Ginseng American Root PE 5%  
Goji Berry PE  
Grape Seed PE 95%  
Guarana Seed PE 12% Caffeine  
Lutein PE 5% W/S  
Lutein PE 25% W/S  
Yerba Mate PE 4:1

W/S=Water Soluble  
QF=Quintozene-Free  
PE=Powdered Extract

**Our product list is always growing. If you don't see what you're looking for here, please contact our customer service department at 310-669-2100.**

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