

ECO₂ Extracts™ Supercritical CO₂ Extraction

Quality & Trust

QUALITY AND RELIABILITY

As a leader in the nutraceutical industry since 1996, Vesta prides itself as an NSF cGMP-Certified and FDA-registered, full-service manufacturer. Vesta provides a broad selection of quality nutraceuticals together with manufacturing, competitive prices, and excellent customer service.

THE VESTA ADVANTAGE

Vesta continues to innovate with advanced manufacturing including ECO₂ Extracts™ and Liposomal encapsulation. Advanced manufacturing with ECO₂ Extracts™ produces pure material with no solvents and without destructive heating methods.

CO₂ Extraction Technology Advantages:

- Innovative manufacturing using CO₂ and no solvents
- Supercritical extraction for a concentrated and pure extract
- Environmentally friendly and sustainable process

The CO₂ process is used to extract active ingredients from botanical sources. This process results in a clean product with no residue while retaining the product's integrity and potency.

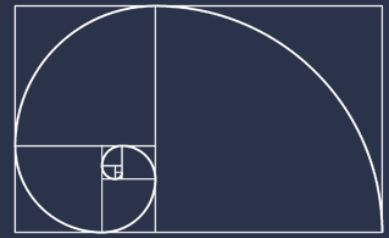
Why Use ECO₂ Extracts™

- Supercritical (CO₂) extraction with high pressure and low temperature, for an environmentally friendly manufacturing process
- Preserves the original active properties without any solvents for the most bioactive compound
- Produces a concentrated and pure extract that is very stable and highly bioavailable

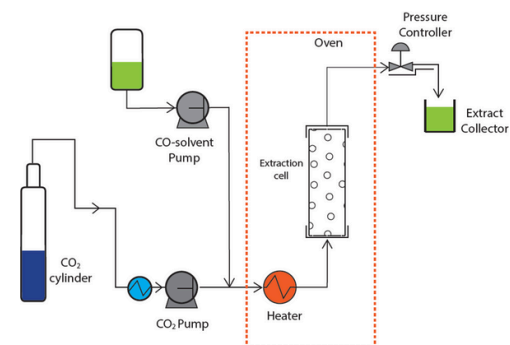
Features of ECO₂ Extracts™

- Concentrated, potent, 100% natural, and pure, with no residual solvents
- Efficiency, with reduced time, higher yields, and low maintenance
- Sustainable, and non-toxic alternative in extraction technology
- Low temperatures, for heat-sensitive compounds with no degradation
- Versatility, to extract a wide range of compounds, including oils, flavors, and fragrances, from various plant materials

1.888.55VESTA



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LOCALLY CONNECTED

GLOBALY
RESPECTED



Vesta Nutra®

GLOBAL CAPABILITIES

Vesta is an Indiana company with an international reach for nutraceutical manufacturing needs and logistics. We have strong international connections and experience, and Vesta was awarded Exporter of the Year by the US SBA. Consider Vesta to ensure that your product obtains a significant market share.

SERVICES AND PRODUCTS

Vesta Nutra is a full-service manufacturer of dietary supplements and nutritional ingredients. Vesta manufactures tablets, capsules, powders, or blends for "Made in the USA." Capabilities include nutritional formulations, specialized blending techniques, and high-speed state-of-the-art packaging lines.

RAW MATERIAL SOURCING

The Vesta Nutra Competitive Advantage includes expertise with sourcing materials, including biomass and botanical ingredients.

MEET THE TEAM

Nancy Wei, Ph.D., Chief Science Officer for CO₂ Division

Nancy has over 20 years of experience in the medicinal chemicals industry and has published over 20 research papers. Nancy has earned a both a Ph.D. and MS in Physical Chemistry, and her BS in Chemical Engineering from Sichuan University.

Cecil Propst, Ph.D., Chief Scientific Advisor

Cecil has completed research in product design and optimization. A holder of five US compositional patents, Cecil's career includes product development, GMP/regulatory and facility management. He is a member and scientific advisor to Vesta's Board of Directors.

Sam Kwon, MBA, President

Sam has over 30 years of experience in the pharmaceutical industry. He obtained an MBA and a degree in Pharmacology at the IU School of Medicine.

Tax M. Georgiadis, Ph.D., Chief Science Officer for LipoQuest™

Dr. Tax Georgiadis brings over 25 years of pharmaceutical and agricultural industry expertise. He has a Ph.D. in organic chemistry and a BS in chemistry. His experience includes refining liposomal delivery systems and enhancing encapsulation of active ingredients for LipoQuest™.

Thom Deahl, MS, Senior Technical Director

Thom has an MS in Environmental Science and BS in Biology. His career includes pharmaceutical research, product development, and regulatory documentation.



Committed to
Innovative Products at
Competitive Prices™

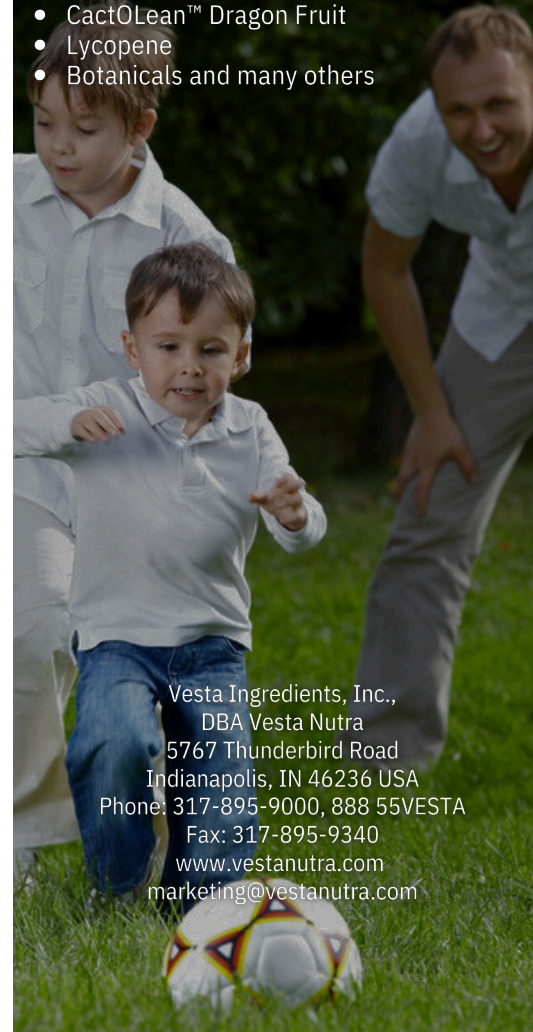


Manufacturing Capability:

- Supercritical CO₂ Extraction
- Formulations and Sourcing
- Regulatory Documentation

ECO₂ Extracts™ Products:

- Saw Palmetto
- CactOLean™ Dragon Fruit
- Lycopene
- Botanicals and many others



Vesta Ingredients, Inc.,
DBA Vesta Nutra
5767 Thunderbird Road
Indianapolis, IN 46236 USA
Phone: 317-895-9000, 888 55VESTA
Fax: 317-895-9340
www.vestanutra.com
marketing@vestanutra.com

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