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## Ennature Biopharma

### About Us

Ennature Biopharma is the Natural Ingredients Division of India Glycols Limited, specializing in the manufacturing of high-value, differentiated, plant-based ingredients for Pharmaceutical, Nutraceutical, Cosmeceutical and Food & Beverage Industries.

India Glycols is a USD 750 million global leader in speciality Bio-Based, 'Green' chemicals since year 1984. We hold the distinction of being the first and only company in the world to commercialize the production of Ethylene oxide and glycols from renewable agricultural feedstocks.

At Ennature Biopharma, we invest heavily in research and are committed to quality with a strong customer focus. We provide clean, high-quality, differentiated solutions to our customers.

We strongly believe in 'Green' and integrate Green technologies into every aspect of our processes. From using SCFE -CO<sub>2</sub> technology and 'Green' solvent-based extractions to reusing our own raw materials for energy generation and water conservation to sustainability in our supply chains, we are continuously improving our technology to conserve natural resources and reduce our carbon footprint.

### Manufacturing Facility

Integrated 1,60,000 sq. ft manufacturing facility is located in Dehradun, India with Super-Critical CO<sub>2</sub>, solvent, aqueous and formulation set-up for manufacturing API's, Nutraceutical, Cosmeceuticals and Beverage ingredients.

WHO-GMP (COPP), ISO 9001, ISO 14001, ISO 22000, HACCP, Halal and Kosher Certified.

Quality system is based on Good Manufacturing Practice (GMP) with full-scale dedicated API and Nutraceutical labs that are international regulatory 21 CFR Part compliant.

Drug Master Files (DMF) available for all Active Pharmaceutical Ingredients and some supplements with several patents granted and many applications filed.



### Pharmaceuticals

#### Phytochemicals/APIs

##### Thiocolchicoside EP

Crystallized from Ethanol  
EDMF on record  
EU - WC, WHO GMP (COPP)  
CEP applied

##### Thiocolchicoside IP/FP

DMF on record  
EU - WC, WHO GMP (COPP)

##### Colchicine USP/EP/BP/IP

EDMF/DMF on record  
EU - WC, WHO GMP (COPP)  
CEP applied

##### Vinpocetine EP/BP

EDMF on record  
EU - WC, WHO GMP (COPP)

##### Nicotine Replacement Therapy

Nictobac- Nicotine 99% EP/USP  
EU - WC, WHO GMP (COPP)  
Nicotine salts - Benzoate, Salicylate  
Nicotine dilution bases-PG/VG  
Nicotine ditartrate dihydrate EP  
Nicotine polacrilex/resinate

### Food & Beverages

#### Cold Water Soluble Ingredients

##### Maxicura®

100% Green BioCurcumin  
Instant Cold Water Soluble  
24 fold more bioavailable  
Scientifically Validated  
Safe & Effective  
Patent Applied

##### Lutein Free

Powder 10%

##### Lutein Ester

Powder 10%

##### Zeaxanthin

Powder 5%

##### Astaxanthin

Powder 5%

##### Veg DHA

Powder 10%

##### Ginger

Powder 10%

### Cosmeceutical

#### Centella Asiatica

TECA - Triterpenes 90%  
Asiaticoside 90%  
Madecassoside 95%  
Triterpenes 50%

### Nutraceuticals

#### Health Supplements

##### Veg DHA

Oil 35% 40%  
Microencapsulated Powder 10% 20%

##### Astaxanthin

SCFE - CO<sub>2</sub> Technology  
Powder & Oleoresin 5% 10%  
Beadlets 2% 2.5%

##### Lutein Ester

SCFE - CO<sub>2</sub> Technology  
Patented in Japan, US & Europe  
Oleoresin 10% 20% 40%  
Powder & Beadlets 5% 10% 20%

##### Lutein Free

First Hexane - Free Extraction  
Powder, Oleoresin, Beadlets 5% 10% 20%

##### Zeaxanthin

Powder, Oleoresin, Beadlets 5% 10% 20%

##### Curcumin

JP 95% Ethanol extract  
DMF on record  
WHO GMP (COPP) available  
10% CWS

##### Ginger Extract

Complying EP/USP Pesticide Limits  
Powder 5% 10% 20%  
Oleoresin 20% 40%

##### Coleus - Forskolin

CO<sub>2</sub> extract 10%

