



China Factory CAS 96702-03-3 Cosmetic Ingredients Natural Ectoin Powder

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Hongbaiyi
- Certification: COA, HPLC
- Model Number: HB-Y-Ectoin
- Minimum Order Quantity: 1kg
- Price: Negotiable
- Packaging Details: 25kg/bag or follow customer's packing instructions
- Delivery Time: 3~5 days, upon receipt of payment
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 30,000 Kilograms

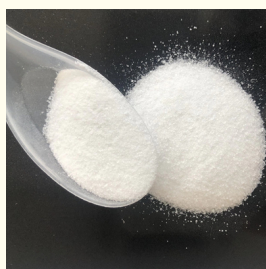


Product Specification

- Product Name: Ectoin Powder
- Appearance: White Powder
- Skin Type/ Condition: Every Skin Type
- Solubility: At Water, Ethanol, In Propylene Glycol
- Application Concentration: 0.3-2.0%, With Best Results Achieved At 5.0% Input Concentration
- Country Of Origin: China
- CAS Nummer: 96702-03-3
- PH-value: Stabil Bei 1-9
- Note/additional Information: Ectoin Tolerates High Temperatures
- Category: Cosmetic Ingredients
- Highlight: **Cosmetic Ingredients Ectoin Powder, Natural Ectoin Powder, CAS 96702-03-3 Ectoin Powder**



More Images



Product Description



Product Description:

Extremolytes are protective small molecules from extremophilic microorganisms. bitop AG develops and markets extremolyte-based products for the treatment of respiratory diseases, and allergic and dermatological conditions. Ectoin® is a registered trademark of bitop AG (Witten, Germany) used for the extremolyte ectoine and ectoine-based products developed and produced by bitop. Ectoine represents a widely applicable, well-tolerated, and natural protective molecule against diverse harmful environmental influences such as heat, aridity, or UV radiation. The cell-protective and anti-inflammatory mode of action could be verified in various in vitro and in vivo studies. bitop AG is the exclusive manufacturer of Ectoin® in an industrial (metric ton) scale and quality suitable for use in medical devices. bitop AG has an ISO 13485:2003-based quality management system for the development and production of extremolyte-based medical devices and Ectoin®, explicitly suggested for ultra-sensitive and allergic skin.

Applications:

skin care (face, body)
baby care

Formulation guidelines:

level of use 0.3-2%
no incompatibility with other cosmetic active substances
can be added directly to the aqueous phase (hot or cold) before emulsification
stability: pH 1-9; all temperatures (no restrictions)
excellent water solubility (dissolves clear)

Other claims:

100% safe
100% Natural
preservative free
China compliant

Technical data

| Property | Description |
|--------------------|---|
| INCI | Ectoin |
| Description | small cyclic amino acid derivative, 100% natural, pure molecule |
| Appearance | white crystalline powder, odorless |
| Purity | > 99% |
| Solubility | excellent solubility in water (550g/l), Glycerin |
| Chemical name | (4S)-2-methyl-1,4,5,6-tetra-hydro pyrimidine-4-carboxylic acid |
| Molecular formula | C6H10N2O2 |
| CAS | 96 702-03-3 |
| REACH | 01-0000017811-72-0001 |
| Molar mass | 142.16 g/mol |
| Production process | patented, bitop-exclusive biotechnological fermentation |
| Shelf life | >5 years |
| Stability | pH 1-9, all temperatures, light and oxygen stable |
| Storage conditions | dry place, room temperature, tightly closed |
| Pack sizes | 1kg, 5kg, 25kg |

Product photos:



Natural Ectoin Powder Applications:

Skincare (face, body): Natural Ectoin Powder is thought to help protect the skin from environmental stressors, such as UV radiation and pollution. It may also help to hydrate the skin and reduce inflammation.

Baby care: Because it is gentle and hypoallergenic, Natural Ectoin Powder may be suitable for use in baby care products. It may help to soothe and protect the baby's delicate skin.



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