

L-Ergothioneine

TECHNICAL DATA SHEET

L-Ergothioneine purified ingredient for professional ingredient formulation and manufacturing.

CAS No.	497-30-3
Source	L-Ergothioneine
Physical form	White powder

Product Information

L-Ergothioneine is a sulfur-containing ingredient supplied as white powder and characterized by its HPLC purity. This purified ingredient is supplied as white powder.

The selected specification lists Purity (HPLC): Min99.5%. For l-ergothioneine purchasing, identify the grade and analytical requirements used in the formulation. The product specification below provides the criteria for comparing material grades and checking the corresponding batch COA.

Specifications

Parameter	Specification
Purity (HPLC)	Min99.5%
Appearance	White powder
Identification	Compliant with the structure C: 47.14±0.4% H: 6.59±0.4% N: 18.32±0.4%
Loss on drying	≤ 0.5%
Impurities	≤ 0.8%
Optical rotation	[α] _D ≥(+)122° (c=1, H ₂ O) _a

Typical values. The COA of each batch prevails.

Typical Properties & Commercial Information

MOQ	500 kg
Packing	25 kg/bag
Lead time	Approximately 14 days
Free sample	500 g
Incoterms	FOB / CFR / CIF
Annual supply	On request

Free sample: up to 500 g. Courier cost payable or use your courier account.

Applications

Personal care formulations: L-Ergothioneine can be evaluated in suitable skin care and other personal care formulations.

Ingredient blend development: Suitable multi-ingredient formulations can incorporate the selected material as part of their raw-material blend.

Sample evaluation: A sample of the selected grade allows technical teams to evaluate dispersibility and formulation compatibility.

Packaging & Storage

Packaging	25 kg/bag
Shelf life	Two years, in unopened original packaging.
Container loading	Qty in 20' FCL: 8MTS(with pallets)

Certifications & Documents

KOSHER · HACCP · FSSC 22000 · HALAL · ISO 9001 · ISO 22000

COA for each batch, TDS and SDS.

Company Contact

Supplier: Hainan Zhongxin Chemical Co., Ltd. (ZXCHEM)

Shanghai office: Room 1001, Building A, Caohejing Center, No. 1520 Gumei Road,
Xuhui District, Shanghai, China

Telephone: +86-21-54265599

Email: sales@zxchem.com.cn

Website: www.zxchem.com

The agreed purchase specification and the COA of each batch govern supply.