

Product: L-Ergothioneine

Grade	Food Grade
Items	Specification
Assay	≥99.0%, HPLC
Appearance	White to off-white crystalline powder
Smell	Characteristic odor
Identification IR	Compliant with standards
pH(50mg/mL,20°C)	5.5~7.5
Melting Point (Decomposition)	270-271°C
Optical Rotation	$[\alpha]_D \geq (+)122^\circ$ (c=1, H ₂ O)
Mesh size	98% pass 50 mesh
Density	0.55~0.75g/ml
Loss on Drying	≤0.5%
Total Residual Solvents	≤100ppm
As	≤1 ppm
Pb	≤1 ppm
Hg	≤0.1 ppm
Cd	≤0.3 ppm
Total Heavy Metals	≤10 ppm
E. coli	Negative
S. aureus	Negative
Salmonella	Negative
P. aeruginosa	Negative
Total Coliform	<100 CFU/g
Total Yeast and Mold Count	≤100 CFU/g
Total Viable Aerobic Count	≤1000 CFU/g
Packing	Sterile bag packaging, wrapped in aluminum foil bags.
Storage	Sealed and stored in cool and dry place, protect from sunlight and moisture.
Shelf life	2 years in original packaging