

**Product: Ergothioneine**

Grade	Cosmetic grade
<b>Items</b>	<b>Specification</b>
Appearance	White crystal
Smell	Characteristic odor
Purity (normalization method)	≥99.96%, HPLC
Melting Point (Decomposition)	275-277°C
Optical Rotation	$[\alpha]_D^{25} \geq (+)122^\circ$ (c=1, H <sub>2</sub> O)
Loss on Drying	≤0.2%
As	≤0.1 ppm
Pb	≤0.1 ppm
Hg	≤0.1 ppm
Cd	≤0.1 ppm
Total Heavy Metals	≤10 ppm
Total Residual Solvents	<300 ppm
E. coli	Negative/25g
Staphylococcus aureus	Negative/25g
P. aeruginosa	Negative/25g
Total Yeast and Mold Count	≤10 CFU/g
Total Viable Aerobic Count	≤100 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