



Product Specification

Product Name: L-Glutathione, Reduced
Cat #: G-155
CAS #: 70-18-8
Storage: Store at 4°C. Protect from light.

Test	Specifications
Appearance	White Crystalline Powder
Identification	Positive
Appearance of solution	Clear And Colorless
Loss on drying	≤0.5%
Ammonium (NH ₄)	≤200 ppm
Assay	98.0-101.0%
Specific Optical Rotation [α] _D	-15.5° to -17.5°
Solubility	Freely soluble in water, very slightly soluble in ethanol
Sulfates	≤300 ppm
Heavy Metals	
- Arsenic	≤1.0 ppm
- Iron (Fe)	≤10 ppm
Chlorides	≤200 ppm
Related Substances	
- Total	≤2.0%
- GSSG	≤1.5%
Total Plate Count	≤1000 cfu/g
- Yeasts/Molds	≤100 cfu/g
- E coli / 10 g	Negative
- Coliforms	≤100 cfu/g
- Salmonella / 10 g	Negative
- Staphylococcus aureus / 10 g	Negative
Residue on Ignition	≤0.1%

GOLD BIOTECHNOLOGY, INC. provides this Product Specification in good faith. Specifications are subject to change.

Gold Biotechnology, Inc.

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