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SPECIFICATION SHEET

L-Glutathione Reduced 99%

Product Name	L-Glutathione Reduced	**CAS No.**	70-18-8
Molecular Formula	C10H17N3O6S	**Molecular Weight**	307.32

Test Item	**Specification**	**Test Method**
Appearance	White crystalline powder	Visual
Odor & Taste	Characteristic	Organoleptic
Identification	Corresponding with RS	IR & HPLC
Particle Size	NLT 90% through 80 mesh	USP <786>
Purity	≥ 98.0%	HPLC
Assay	99.0%~101.0%	HPLC
Loss on Drying	≤ 0.5%	USP <731>
Lead (Pb)	≤ 2.0 ppm	ICP-MS
Arsenic (As)	≤ 2.0 ppm	ICP-MS
Cadmium (Cd)	≤ 0.5 ppm	ICP-MS
Mercury (Hg)	≤ 0.1 ppm	ICP-MS
Standard Plate Count	≤ 10,000 cfu/g	USP <2021>
Total Yeast & Mold	≤ 1,000 cfu/g	USP <2021>
E. coli (in 10mL)	Negative	USP <2022>
Salmonella (in 10mL)	Negative	USP <2022>
S. aureus (in 10mL)	Negative	USP <2022>

Storage: Store in tightly sealed and preferably full containers in cool, dry and ventilated area.

Shelf Life: 24 months under above conditions, and kept in its unopened original packaging.

Prepared by: Mia Yu Approved by: Charlie Wang Date: Nov. 19, 2026