

# Specification of L-Glutathione Reduced

Product: L-L-Glutathione Reduced

Type: Food Grade

Package: 25KG Drum

Product Name		L-Glutathione Reduced
Inspection Standard		Enterprise Standard Nutraceuticals Grade
Test Items		Specification
Description		A white crystalline powder
Identification IR		Similar with the Reference Spectrum
Optical Rotation		-15.5°~-17.5°
Clarity and color of solution		Clear and colourless
Heavy Metals		Not more than 10ppm
Arsenic		Not more than 1ppm
Sulphates		Not more than 300ppm
Ammonium		Not more than 200ppm
Iron		Not more than 10ppm
Cadmium		Not more than 1ppm
Lead		Not more than 3ppm
Mercury		Not more than 0.1ppm
Related Substances	Total	Not more than 2.0%
	GSSG	Not more than 1.5%
Loss on Drying		Not more than 0.5%
Residue on Ignition		Not more than 0.1%
Assay		98.0% to 101.0%
Microbiology	Total plate count	≤1000cfu/g
	Yeast and mold count	≤100cfu/g
	Total coli forms	≤100cfu/g
	E. coli	Absent/10g
	S. aureus	Absent/10g
	Salmonella	Absent/10g

Shelf Life: 36 months

Meet USP standard