

CROWN SUPPLEMENTS

Raw Material Certificate of Analysis Record

CERTIFICATE OF ANALYSIS

Product Name:	L-Glutathione	Batch Number:	LG20250610
Batch Size:	1250 KG		

ANALYSIS	SPECIFICATION	RESULT	METHOD
Identification	Corresponds to Standard	Conforms	USP43
Appearance	White Powder	Conforms	Visual
Odor	Characteristic	Conforms	Organoleptic
Taste	Characteristic	Conforms	Olfactory
Particle size	98% through 60 mesh	Conforms	GB/T5507-85
Specific Rotation	-15.5° to -17.5°	-17.48°	USP43
Chlorides	≤200 ppm	Conforms	USP43
Sulfates	≤300 ppm	Conforms	USP43
Ammonium	≤200 ppm	Conforms	USP43
Iron	≤10 ppm	Conforms	USP43
Assay	≥98.0%	98.42%	USP43
GSSG	≤1.5%	0.49	USP43
Total Heavy Metals	≤10 ppm	Conforms	AAS
Arsenic (As)	≤2 ppm	Conforms	USP43
Lead (Pb)	≤3 ppm	Conforms	USP43
Cadmium (Cd)	≤1 ppm	Conforms	USP43
Mercury (Hg)	≤1 ppm	Conforms	USP43
Loss on Drying	≤0.5%	0.42%	USP43
Residue on Ignition	≤0.1%	0.06%	USP43
Total Plate Count	≤1,000 cfu/g	Conforms	GB/T4789.2
Total Yeast & Mold	≤100 cfu/g	Conforms	GB/T4789.15
E. coli	Negative	Conforms	GB/T4789.3
Salmonella	Negative	Conforms	GB/T4789.4
Conclusion	Conforms to specification		
Packaging & Storage	Packed in paper carton outside and two PE bags inside. NW: 25KG Seal tightly and store in a cool place below 30°C.		

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