

## Certificate of Analysis

Product	L-Glutathione
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Sr.No	Description of Test	Specification/Limits	Result
1	Appearance	White Color or off-white color powder, odorless & Soluble in water.	Complies
2	Identification 1)Ninhydrin Test 2)Chromatographic identification 3) IR Identification	Positive  Should be required  Should be required	Positive  Corresponds  Corresponds
3	Specific Optical Rotation $[\alpha]_{D20}$	-15.5°~-17.5°	-16.7°
4	Transmittance	≥98.0%	99.5%
5	Chlorides	≤0.02%	Confirmed
6	Heavy metals	≤10 ppm	Confirmed
7	Residue on ignition	≤0.1%	0.05%
8	Loss On Drying	≤0.5%	0.21%
9	Sulphate	≤0.048%	Confirmed
10	Arsenic	≤1 ppm	Confirmed
11	Iron	≤0.001%	Confirmed
12	Ammonium	≤0.020%	Confirmed
13	Assay,%	98.0~101.0	99.2%
14	Conclusions	The Product Conforms to in -House Standard.	