

Certificate of Analysis

Product Name	Glutathione		
CAS No.	70-18-8	Batch No.	202511601
Molecular Formula	C ₁₀ H ₁ N ₃ O S	Date of Producing	2025/01/10
Molecular Weight	307.3	Retest Date	2025/01/13
Date of Survey	2025/01/11	Condition of Storage	2~8°C
Reference Standard	Enterprise Standard		

T E S T	Standard	RESULT
Appearance	White or almost white crystalline powder or colourless	Conform
Solubility	Freely soluble in water,very slightly soluble in ethanol(96 percent)and methylene chloride.	Conform
Specific Optical Rotation	-15.5°to -17.5°	-17.2°
Transmittance	≥80.0%	92.3%
pH	2.5~3.5	2.8
Loss on drying	≤0.5%	0.3%
Residue on ignition	≤0.50%	0.06%
Heavy Metals(as Pb)	≤10ppm	<10ppm
Peptide Purity (By HPLC)	≥98.0%	99.3%
Conclusion: The product conforms with enterprise standard and qualified.		

Analyst: Lin Bingmei

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