



Certificate Of Analysis

COA

Report No.: SNTEK2026010517054

Date: January 6, 2026

Product information			
Product Name	Glutathione		
product Model	GT1500(1500.2 mg)		
Client	sciencepeptidelab		
Domain Name			
Production Batch	20251223-02	Date of Manufacture	2025-12-23
Color	White	Appearance	Lyophilized Powder
Ingredients and proportions			
Component	CAS No.	Appr. %	
Glutathione	70-18-8	≥99.3	
Performance indicators			
Item	Result		
Appearance	White free-flowing powder, uniform with no clumping, no yellowing and no visible foreign matter		
Identification	Retention time is consistent with that of USP-grade glutathione reference standard		
Heavy metal content	Not detected: Pb, Cd, Hg,As Cr		
Purity	≥99.3%		
Active ingredient content (on dry basis)	≥99.6%		
Impurities	Oxidized glutathione (GSSG) ≤ 0.05%; Free amino acids (Cysteine / Glycine) ≤ 0.02%		
Moisture	≤0.3%		
Ash content	≤0.05%		
Solubility	100mg/mL (20℃, water), clear solution, dissolution time 0.2-0.4min		
pH	6.2 (10 mg/mL , aqueous solution)		
Microbial Limit	≤ 5CFU/g; Not detected:Total mold and yeast count, Coliform bacteria		
Specific rotation	-16.5° (1% aqueous solution)		
Bacterial Endotoxin	≤0.25 EU/mg		
Note: All tests were performed with reference to the corresponding methods in the United States Pharmacopeia (USP), European Pharmacopoeia (EP), and Chinese Pharmacopoeia.			
Term of validity	12-24 months		
Transport	Depending on actual conditions, adopt dry ice transportation at ≤ -20℃ or cold chain transportation at 2~8℃, with severe extrusion and vibration avoided.		
keep in storage	-20~-80℃ (long-term storage) / 2~8℃ (short-term storage); protected from light, avoid repeated freeze-thaw cycles, stored in a dry and sealed container.		

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