Certificate Of Analysis

NO:026-G32-TSX

Peptide Name	L-Glutathione		
Molecular Formula	$C_{10}H_{17}N_3O_6S$	**Manufacturing**	2026/09/08
Molecular Weight	307.32	**Report Date**	2026/09/13
CAS No.	70-18-8	**Re-test Date**	2028/09/08
Appearance	White crystalline powder	**Packing size**	1Kg/bag
Reference Standard	Reference Ch.p	**Storage conditions**	-15℃to-25℃
Sequence	N/A		

Tests	Tests Specifications	Results
Appearance	White crystalline powder	Conforms
Solubility	Soluble in water, practically insoluble in ethanol	Conforms
Assay (HPLC)	98.0% - 101.0%	99.6%
Specific Rotation	-15.5° ~ -17.5°	-16.4°
Loss on Drying	≤0.5%	0.23%
Residue on Ignition	≤0.1%	0.04%
Heavy Metals	≤10 ppm	<10 ppm
Arsenic (As)	≤1 ppm	<1 ppm

For research use only. Direct human application is prohibited.

Limit To Research And Submission Use
Not For Direct Human Application

Analyst: Warden Zhao **QC Director:** Melker Zhu **Checker :** Bowen Yang