

Certificate of Analysis

Date of Testing:	2023-06-29 17:36:22
Date of Next Testing:	2026-06-28 17:36:22
Product Name:	L-Glutathione reduced
CAS Number:	70-18-8
Specifications & Purity:	BioReagent Plus, ≥98.0%
Lot #:	F23251289
SKU #	L433357
Analysis:	246201
Storage Temperature:	Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	100.00 %
Insoluble matter	0-0.1 (%)	0.00 %
Aluminum(Al)	0-0.0005 (%)	0.00 %
Phosphorus (P)	0-0.005 (%)	0.00 %
Lead(Pb)	0-0.001 (%)	0.00 %
Iron(Fe)	0-0.0005 (%)	0.00 %
Copper(Cu)	0-0.0005 (%)	0.00 %
Zinc(Zn)	0-0.0005 (%)	0.00 %
Calcium(Ca)	0-0.02 (%)	0.00 %
Magnesium(Mg)	0-0.0005 (%)	0.00 %
Sodium(Na)	0-0.005 (%)	0.00 %
Potassium(K)	0-0.005 (%)	0.00 %
Ammonia (NH ₄)	0-0.05 (%)	0.00 %
Residue on ignition(Ash)	0-0.1 (%)	0.07020 %
Sulfate(SO ₄ ²⁻)	0-0.05 (%)	0.01 %
Appearance(L433357)	white powder	White powder
Solubility in H ₂ O, Clear colorless, 0.1 M water	pass	Pass
Infrared spectrum	conforms to structure	Conforms to Structure



ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager