

Certificate of Analysis

Date of Testing:	2023-04-15 17:08:24
Date of Next Testing:	2026-04-14 17:08:24
Product Name:	L-Glutathione reduced
CAS Number:	70-18-8
Specifications & Purity:	BioReagent Plus, ≥98.0%
Lot #:	D2311774
SKU #	L433357
Version	1
Analysis #:	213258
Storage Temperature:	Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.94 %
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 (%)	0.01000 %
Sulfate(SO ₄ ²⁻)	0-0.05 (%)	0.02 %
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

14078 Meridian Parkway, Riverside, CA. 92518

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager