

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-27 09:46:30
Date of Next Testing: 2029-11-26 09:46:30
Product Name: **Glutathione Reduced(GSH Reduced)**
CAS Number: 70-18-8
Specifications & Purity: Moligand™, ≥98%
Lot #: K2524585
SKU #: **G105426**
Version: **1**
Analysis #: **600951**
Storage Temperature: Protected from light,Store at -20°C,Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.86300%
Specific Rotation [α] ₂₀ /D(c=2 in H ₂ O)	-19--16 (°)	-17.53°
Melting point	182-192 (°C)	191.44000 °C
Loss on drying	0-0.5 (%)	0.49%
Purity(Iodometric Titration)	98-100 (%)	98.01%
Appearance (G105426)	white powder	White powder
Solubility in H ₂ O , Colorless ,Clear ,50 mg/mL in H ₂ O	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager