

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-11 10:31:59  
Date of Next Testing: 2029-07-10 10:31:59  
Product Name: **Glutathione Reduced(GSH Reduced)**  
CAS Number: 70-18-8  
Specifications & Purity: Moligand™, ≥98%  
Lot #: G2508672  
SKU #: **G105426**  
Version: **1**  
Analysis #: **518998**  
Storage Temperature: Protected from light,Store at -20°C,Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.84600%
Loss on drying	0-0.5 (%)	0.15 %
Purity(Iodometric Titration)	98-100 (%)	98.57 %
Specific Rotation [α] <sub>20</sub> /D(c=2 in H <sub>2</sub> O)	-19--16 (°)	-17.24°
Melting point	182-192 (°C)	191.57000 °C
Appearance (G105426)	white powder	White powder
Solubility in H <sub>2</sub> O , Colorless ,Clear ,50 mg/mL in H <sub>2</sub> O	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager