

Certificate of Analysis

Date of Testing: 2025-03-13 11:17:00

Date of Next Testing: 2029-03-12 11:17:00

Product Name: **Glutathione Reduced(GSH Reduced)**

CAS Number: 70-18-8

Specifications & Purity: Moligand™, ≥98%

Lot #: C2512394

SKU # **G105426**

Version **1**

Analysis #: **479412**

Storage Temperature: Protected from light,Store at -20°C,Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.85400 %
Loss on drying	0-0.5 (%)	0.10 %
Purity(Iodometric Titration)	98-100 (%)	99.73 %
Specific Rotation [α] _{20/D} (c=2 in H ₂ O)	-19--16 (°)	-16.70°
Melting point	182-192 (°C)	191.84300 °C
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