

Certificate of Analysis

Date of Testing: 2024-12-12 19:36:49

Date of Next Testing: 2028-12-11 19:36:49

Product Name: **Glutathione (Reduced)**

CAS Number: 70-18-8

Specifications & Purity: Moligand™, ≥98%

Lot #: L2412061

SKU #: **G105426**

Version: **1**

Analysis #: **437613**

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

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.49900%
Loss on drying	0-0.5 (%)	0.41%
Purity(Iodometric Titration)	98-100 (%)	99.16%
Specific Rotation [α] _{20/D} (c=2 in H ₂ O)	-19--16 (°)	-16.50°
Melting point	182-192 (°C)	191.95700 °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