

Certificate of Analysis

Date of Testing: 2024-07-04 13:35:35
Date of Next Testing: 2028-07-03 13:35:35
Product Name: **Glutathione (Reduced)**
CAS Number: 70-18-8
Specifications & Purity: 98%
Lot #: F2420360
SKU #: **G105426**
Version: **0**
Analysis #: **364806**
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.43600%
Melting point	182-192 (°C)	191.47000 °C
Purity(Iodometric Titration)	98-100 (%)	98.80%
Specific Rotation [α] ₂₀ /D(c=2 in H ₂ O)	-19--16 (°)	-17.04°
Loss on drying	0-0.5 (%)	0.46%
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