

Certificate of Analysis

Date of Testing: 2022-03-09 13:05:50

Date of Next Testing: 2026-03-08 13:05:50

Product Name: **Glutathione (Reduced)**

CAS Number: 70-18-8

Specifications & Purity: 98%

Lot #: C2208193

SKU #: **G105426**

Analysis: **074011**

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

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.47700%
Melting point	182-192 (°C)	187.50000 °C
Loss on drying	0-0.5 (%)	0.26%
Purity(Iodometric Titration)	98-100 (%)	99.20%
Specific Rotation [α] ₂₀ /D(c=2 in H ₂ O)	-19--16 (°)	-16.31°
Appearance (G105426)	white powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless ,Clear ,50 mg/mL in H ₂ O	pass	Pass



John Su
QA & QC Manager