

Certificate of Analysis

Date of Testing: 2024-09-24 14:07:18

Date of Next Testing: 2028-09-23 14:07:18

Product Name: **Glutathione (Reduced)**

CAS Number: 70-18-8

Specifications & Purity: Moligand™, for cell culture, ≥98%

Lot #: I2424103

SKU # **G105427**

Version **1**

Analysis #: **258703**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=2 in H ₂ O)	-19--16 (°)	-16.96 °
Purity(Iodometric Titration)	97.5-102.5 (%)	99.39 %
Purity(HPLC)	98-100 (%)	98.03300 %
Melting point	182-192 (°C)	191.91000 °C
Appearance (G105427)	white powder	White powder
Solubility in H ₂ O , Clear colorless, 50MG/ML water	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Cell Culture Test	pass	Pass



John Su
QA & QC Manager