

## Certificate of Analysis

Date of Testing: 2024-07-03 15:38:17  
Date of Next Testing: 2028-07-02 15:38:17  
Product Name: **Glutathione (Reduced)**  
CAS Number: 70-18-8  
Specifications & Purity: 98%  
Lot #: F2420341  
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] <sub>20</sub> /D(c=2 in H <sub>2</sub> O)	-19--16 (°)	-17.04°
Loss on drying	0-0.5 (%)	0.46%
Appearance (G105426)	white powder	White powder
Solubility in H <sub>2</sub> O , Colorless ,Clear ,50 mg/mL in H <sub>2</sub> O	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



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QA & QC Manager