

Certificate of Analysis

Date of Testing: 2022-11-26 17:03:25
Date of Next Testing: 2026-11-25 17:03:25
Product Name: **Glutathione (Reduced)**
CAS Number: 70-18-8
Specifications & Purity: 98%
Lot #: K2224505
SKU #: **G105426**
Analysis: 139358
Storage Temperature: Store at -20°C, Argon charged

| Parameter | Limit Values | Result |
|---|-----------------------|-----------------------|
| Purity(HPLC) | 98-100 (%) | 99.71400% |
| Melting point | 182-192 (°C) | 188.94000 °C |
| Loss on drying | 0-0.5 (%) | 0.00% |
| Purity(Iodometric Titration) | 98-100 (%) | 99.33% |
| Specific Rotation [α] ₂₀ /D(c=2 in H ₂ O) | -19--16 (°) | -16.97° |
| 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 |



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QA & QC Manager