

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-03-13 09:47:28

Date of Next Testing: 2029-03-12 09:47:28

Product Name: **Glutathione Reduced(GSH Reduced)**

CAS Number: 70-18-8

Specifications & Purity: Moligand™, ≥98%

Lot #: C2512392

SKU #: **G105426**

Version: **1**

Analysis #: **479412**

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

| Parameter                                                                       | Limit Values          | Result                |
|---------------------------------------------------------------------------------|-----------------------|-----------------------|
| Purity(HPLC)                                                                    | 98-100 (%)            | 99.85400 %            |
| Loss on drying                                                                  | 0-0.5 (%)             | 0.10033 %             |
| Purity(Iodometric Titration)                                                    | 98-100 (%)            | 99.73000 %            |
| Specific Rotation [α] <sub>20/D</sub> (c=2 in H <sub>2</sub> O)                 | -19--16 (°)           | -16.70200 °           |
| Melting point                                                                   | 182-192 (°C)          | 191.84300 °C          |
| 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