

## Certificate of Analysis

Date of Testing: 2022-09-28 15:37:47

Date of Next Testing: 2026-09-27 15:37:47

Product Name: **L-Glutathione oxidized**

CAS Number: 27025-41-8

Specifications & Purity: 98%

Lot #: I2222016

SKU #: **G105428**

**Analysis:** **099067**

Storage Temperature: Store at 2-8°C

| Parameter                                                                                        | Limit Values                 | Result                       |
|--------------------------------------------------------------------------------------------------|------------------------------|------------------------------|
| Water by Karl Fischer                                                                            | 0-6 (%)                      | 0.33 %                       |
| Purity(Neutralization titration) (anhydrous)                                                     | 98-100 (%)                   | 99.23 %                      |
| Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in H}_2\text{O})(\text{calcd. on anh. substance})$ | -107--92 (°)                 | -94.64 °                     |
| Purity(HPLC)                                                                                     | 98-100 (%)                   | 99.21800 %                   |
| Appearance (G105428)                                                                             | White or light yellow powder | White or light yellow powder |
| Solubility in H <sub>2</sub> O , Colorless To Faint Yellow,Clear,10 mg/ml                        | pass                         | Pass                         |
| Proton NMR spectrum                                                                              | Conforms to Structure        | Conforms to Structure        |



John Su  
QA & QC Manager