

## Certificate of Analysis

Date of Testing: 2025-03-25 10:19:29  
 Date of Next Testing: 2029-03-24 10:19:29  
 Product Name: **L-Glutathione oxidized**  
 CAS Number: 27025-41-8  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: C2521878  
 SKU #: **G105428**  
 Version: **0**  
 Analysis #: **484711**  
 Storage Temperature: Store at 2-8°C

| Parameter                                                                                   | Limit Values                 | Result                       |
|---------------------------------------------------------------------------------------------|------------------------------|------------------------------|
| Water by Karl Fischer                                                                       | 0-6 (%)                      | 1.04 %                       |
| Purity(Neutralization titration) (anhydrous)                                                | 98-100 (%)                   | 98.30 %                      |
| Purity(HPLC)                                                                                | 98-100 (%)                   | 99.80200 %                   |
| Specific Rotation $[\alpha]_{20/D(c=2 \text{ in H}_2\text{O})}$ (calcd.on<br>anh.substance) | -107--92 (°)                 | -107.00 °                    |
| Appearance (G105428)                                                                        | White or light yellow powder | White or light yellow powder |
| Proton NMR spectrum                                                                         | Conforms to Structure        | Conforms to Structure        |
| Solubility in H <sub>2</sub> O , Colorless To Faint Yellow,Clear,10 mg/ml                   | pass                         | Pass                         |



John Su  
 QA & QC Manager