

Certificate of Analysis

Date of Testing: 2024-12-23 14:54:37

Date of Next Testing: 2028-12-22 14:54:37

Product Name: **L-Glutathione oxidized**

CAS Number: 27025-41-8

Specifications & Purity: $\geq 98\%$

Lot #: L2420868

SKU #: **G105428**

Version: **0**

Analysis #: **437566**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-6 (%)	3.20 %
Purity(Neutralization titration) (anhydrous)	98-100 (%)	99.54 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in H}_2\text{O})(\text{calcd. on anh. substance})$	-107--92 (°)	-97.52 °
Purity(HPLC)	98-100 (%)	99.93900 %
Appearance (G105428)	White or light yellow powder	White or light yellow powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless To Faint Yellow,Clear,10 mg/ml	pass	Pass



John Su
QA & QC Manager