

Certificate of Analysis

Date of Testing: 2024-08-05 16:04:08
Date of Next Testing: 2027-08-05 16:04:08
Product Name: **L-Glutathione reduced**
CAS Number: 70-18-8
Specifications & Purity: BioReagent Plus, ≥98.0%
Lot #: G2431037
SKU #: **L433357**
Version: **1**
Analysis #: **213258**
Storage Temperature: Store at 2-8°C

| Parameter | Limit Values | Result |
|--|-----------------------|-----------------------|
| Purity(HPLC area) | 98-100 (%) | 99.94 % |
| Insoluble matter | 0-0.1 (%) | 0.00 % |
| Aluminum(Al) | 0-0.0005 (%) | 0.00 % |
| Phosphorus (P) | 0-0.005 (%) | 0.00 % |
| Lead(Pb) | 0-0.001 (%) | 0.00 % |
| Iron(Fe) | 0-0.0005 (%) | 0.00 % |
| Copper(Cu) | 0-0.0005 (%) | 0.00 % |
| Zinc(Zn) | 0-0.0005 (%) | 0.00 % |
| Calcium(Ca) | 0-0.02 (%) | 0.00 % |
| Magnesium(Mg) | 0-0.0005 (%) | 0.00 % |
| Sodium(Na) | 0-0.005 (%) | 0.00 % |
| Potassium(K) | 0-0.005 (%) | 0.00 % |
| Ammonia (NH ₄) | 0-0.05 (%) | 0.00 % |
| Residue on ignition(Ash) | 0-0.1 (%) | 0.01000 % |
| Sulfate(SO ₄ ²⁻) | 0-0.05 (%) | 0.02 % |
| Appearance(L433357) | white powder | White powder |
| Solubility in H ₂ O, Clear colorless, 0.1 M water | pass | Pass |
| Infrared spectrum | conforms to structure | Conforms to Structure |



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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager