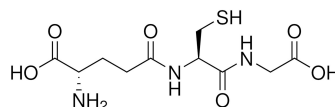


Certificate of Analysis

Product Name : L-Glutathione reduced $\geq 98.0\%$
Product Number : G4251-500G
Batch Number : 0000442516
Source Batch : 0000314384
CAS Number : 70-18-8
MDL Number : MFCD00065939
Storage Temperature : +2°C to +8°C
Molecular Formula : $C_{10}H_{17}N_3O_6S$
Formula Weight : 307.32 g/mol
Recommended Retest Date : Mar 2029
Quality Release Date : 18 Mar 2024



Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless	Colorless
Solubility (Turbidity)	Clear	Clear
50 mg/mL, H ₂ O		
Titration with Iodine	$\geq 99 \%$	101 %
Purity (HPLC)	$\geq 98.0 \%$	99.7 %
¹ H NMR Spectrum	Conforms to Structure	Conforms

Jagodige Yasomanee, Supervisor

Quality Assurance

St. Louis, Dekalb

US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale

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