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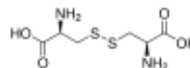
Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:

L-Cystine - ≥98% (TLC), crystalline

Product Number: C8755
Batch Number: SLCB7801
Brand: SIGMA
CAS Number: 56-89-3
MDL Number: MFCD00064228
Formula: C6H12N2O4S2
Formula Weight: 240.30 g/mol
Quality Release Date: 03 FEB 2018
Recommended Retest Date: JAN 2023



Test	Specification	Result
Appearance (Color)	White to Off-White	White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless to Faint Yellow	Colorless
Solubility (Turbidity)	Clear	Clear
50 mg/mL, 1 M HCl		
Infrared Spectrum	Conforms to Structure	Conforms
Carbon	29.4 - 30.6 %	30.1 %
Nitrogen	11.4 - 11.9 %	11.5 %
Specific Rotation	-215 - -200 °	-214 °
C= 1, 1M HCl ,25 Deg C		
Purity (TLC)	≥ 98 %	100 %

Carolyn Baird, Supervisor
 Quality Assurance
 St. Louis, Missouri 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. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.