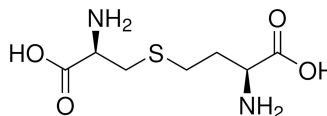


Certificate of Analysis

Product Name : L-Cystathionine ≥98% (TLC)
Product Number : C7505-10MG
Batch Number : 0000497987
 Source Batch : 0000437327
 CAS Number : 56-88-2
 MDL Number : MFCD00036685
 Storage Temperature : -20°C
 Molecular Formula : C₇H₁₄N₂O₄S
 Formula Weight : 222.26 g/mol
 Quality Release Date : 24 Apr 2025



Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless	Colorless
Solubility (Turbidity)	Clear	Clear
5 mg/mL, 0.5 M HCl		
Carbon	35.8 - 38.8 %	37.4 %
Nitrogen	12.1 - 12.9 %	12.6 %
Specific Rotation	18.0 - 24.0 °	18.5 °
c = 1, 1M HCl, 25 deg C		
Purity (TLC)	≥ 98 %	100 %
HPLC Identity	Conforms	Conforms
Consists mainly of the L-isomer.		

Jagodige Yasomane, 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

Version Number: 01 Doc: 1250181

Page 1 of 1

