

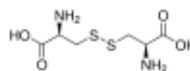
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Product Specification

Product Name:
L-Cystine - ≥98% (TLC), crystalline

Product Number: **C8755**
CAS Number: 56-89-3
MDL: MFCD00064228
Formula: C₆H₁₂N₂O₄S₂
Formula Weight: 240.30 g/mol



TEST	Specification
Appearance (Color)	White to Off-White
Appearance (Form)	Powder
Solubility (Color)	Colorless to Faint Yellow
Solubility (Turbidity)	Clear
50 mg/mL, 1 M HCl	
Infrared spectrum	Conforms to Structure
Carbon	29.4 - 30.6 %
Nitrogen	11.4 - 11.9 %
Specific Rotation	-215 - -200 °
C= 1, 1M HCl ,25 Deg C	
Purity (TLC)	≥ 98 %
Recommended Retest Period	-----
5 Years	

Specification: PRD.0.ZQ5.10000097443

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.