

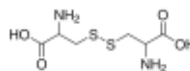
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Product Specification

Product Name:
DL-Cystine

Product Number: **C8630**
CAS Number: 923-32-0
MDL: MFCD00084652
Formula: C₆H₁₂N₂O₄S₂
Formula Weight: 240.30 g/mol



TEST	Specification
Appearance (Color)	White to Off-White
Appearance (Form)	Powder
Infrared spectrum	Conforms to Structure
Specific Rotation	Conforms
Conforms with enantiomeric mixture	
C= 1, in 1M HCL at 25 deg C	
Carbon	29.3 - 30.6 %
Nitrogen	11.3 - 11.9 %
Purity (TLC)	≥ 98 %
Solubility (Color)	Colorless to Light Yellow
Solubility (Turbidity)	Clear to Slightly Hazy
50 mg/mL, 1 M HCl	

Specification: PRD.0.ZQ5.10000047891

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.