

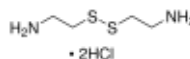
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Product Specification

Product Name:
Cystamine dihydrochloride - BioXtra

Product Number: **C8707**
CAS Number: 56-17-7
MDL: MFCD00012905
Formula: C₄H₁₂N₂S₂ · 2HCl
Formula Weight: 225.20 g/mol



TEST	Specification
Appearance (Color)	White to Yellow
Appearance (Form)	Powder
Solubility (Color)	Colorless to Light Yellow
Solubility (Turbidity) (0.1 M in H ₂ O)	Clear
¹ H NMR Spectrum	Conforms to Structure
Residue on ignition (Ash)	≤ 0.1 %
Insoluble matter	≤ 0.1 %
Sulfate < or = 0.05%	Pass
Aluminum (Al)	≤ 0.0005 %
Phosphorus (P)	≤ 0.0005 %
Lead (Pb)	≤ 0.001 %
Iron (Fe)	≤ 0.001 %
Copper (Cu)	≤ 0.0005 %
Zinc (Zn)	≤ 0.0005 %
Calcium (Ca)	≤ 0.02 %
Magnesium (Mg)	≤ 0.0005 %
Sodium (Na)	≤ 0.005 %
Potassium (K)	≤ 0.005 %
Ammonia (NH ₄)	≤ 0.05 %
Purity (TLC)	≥ 98 %

Specification: PRD.1.ZQ5.10000059097

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.