

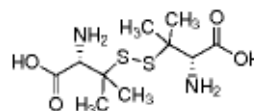
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Product Specification

Product Name:
D-Penicillamine disulfide

Product Number: P1101
CAS Number: 20902-45-8
MDL: MFCD00004264
Formula: C₁₀H₂₀N₂O₄S₂
Formula Weight: 296.41 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder or Crystals
Infrared spectrum	Conforms to Structure
Carbon	39.1 - 41.9 %
Nitrogen	9.1 - 9.8 %
Sulfur	20.9 - 22.4 %
Optical Rotation	-79 - -71
Degrees	
C=1%, 1N NaOH	
Purity (TLC)	≥ 97 %
Solubility (Turbidity)	Clear to Very Slightly Hazy
10mg/ml, H ₂ O	
Solubility (Color)	Colorless to Faint Yellow

Remarks:

Reviewing Chemist :

Specification: PRD.0.ZQ5.10000012346

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.