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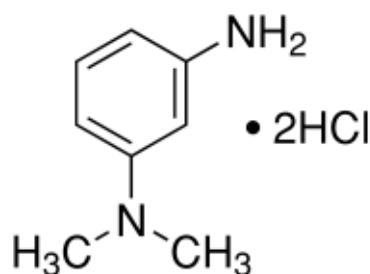
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
N,N-Dimethyl-1,3-phenylenediamine dihydrochloride - 99%

Product Number: 219223
CAS Number: 3575-32-4
MDL: MFCD00012971
Formula: C₈H₁₂N₂ · 2HCl
Formula Weight: 209.12 g/mol



TEST

Specification

Appearance (Color)	Conforms to Requirements
White to Tan to Purple	
Appearance (Form)	Conforms to Requirements
Powder, Crystals, Crystalline Powder, and/or Chunks	
Infrared spectrum	Conforms to Structure
Titration by AgNO ₃	98.5 - 101.5 %
Carbon	45.27 - 46.64 %
Nitrogen	13.20 - 14.81 %
Solubility (Turbidity)	Clear to Slightly Hazy
Solubility Concentration: 100mg/2ml in Water	
Solubility (Color)	Conforms
Very Faint Yellow to Tan to Purple	

Specification: PRD.0.ZQ5.10000031387

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.