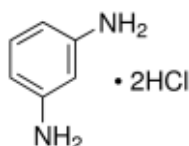


Certificate of Analysis

Product Name:

m-Phenylenediamine dihydrochloride - $\geq 99.0\%$ (AT)

Product Number: 78450
Batch Number: BCCG1831
Brand: ALDRICH
CAS Number: 541-69-5
Formula Weight: 181,06 g/mol
Quality Release Date: 01 JUL 2021



Test	Specification	Result
Appearance (Colour)	White to Faint Red to Faint Purple	Off White
Appearance (Form)	Powder or Crystals	Powder
Titration with AgNO ₃	99.0 - 101.0 %	99.9 %
Solubility (Colour)	Colorless to Very Dark Yellow to Very Dark Brown and Colorless to Very Dark Red to Very Dark Purple	Almost Colorless
Solubility (Turbidity)	Clear	Clear
1g in 10ml Water		
¹ H NMR Spectrum	Conforms to Structure	Conforms

Dr. Reinhold Schwenninger
Quality Assurance
Buchs, Switzerland CH

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.

