

3050 Spruce Street, Saint Louis, MO 63103, USA

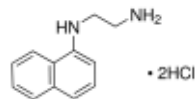
Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Certificate of Analysis

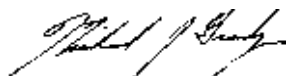
Product Name:

N-(1-Naphthyl)ethylenediamine dihydrochloride - ACS reagent, >98%

Product Number: 222488
Batch Number: MKCG1613
Brand: SIAL
CAS Number: 1465-25-4
MDL Number: MFCD00012556
Formula: C₁₂H₁₄N₂ · 2HCl
Formula Weight: 259.17 g/mol
Quality Release Date: 26 MAR 2018
Recommended Retest Date: MAR 2020



Test	Specification	Result
Appearance (Color)	White to Beige	Off-White
Appearance (Form)	Powder or Crystal or Chunk(s)	Powder
Infrared Spectrum	Conforms to Structure	Conforms
Purity (TLC)	≥ 98 %	> 99 %
Carbon (Dry Basis)	54.5 - 56.7 %	55.8 %
Water (by Karl Fischer)	≤ 5.0 %	1.5 %
Solubility (Turbidity) 1g/50mL H ₂ O	Clear	Clear
Sensitivity Test To Sulfanilamide	Pass	Pass
Meets ACS Requirements	Current ACS Specification	Conforms
Recommended Retest Period 2 Years	-----	-----



Michael Grady, Manager
Quality Control
Milwaukee, WI US

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.