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Product Specification

Product Name:
Diethanolamine - ACS reagent, ≥98.5%

Product Number: 398179
CAS Number: 111-42-2
MDL: MFCD00002843
Formula: C4H11NO2
Formula Weight: 105.14 g/mol



TEST	Specification
Appearance (Color)	White or Colorless
Appearance (Form)	Liquid or Solid
Infrared spectrum	Conforms to Structure
Water (by Karl Fischer)	≤ 0.15 %
Titration by HCL	98.9 - 100.8 %
104.0 - 106.0 Apparent Equivalent Weight	
Impurity	≤ 1.0 %
2-Aminoethanol	
Impurity	≤ 1.0 %
Triethanolamine	
GC (area %)	≥ 98.5 %
Residue on ignition (Ash)	≤ 0.005 %
Color Test	≤ 15 APHA
Meets ACS Requirements	Current ACS Specification
Recommended Retest Period	-----
3 Years	

Specification: PRD.1.ZQ5.10000021235

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.