

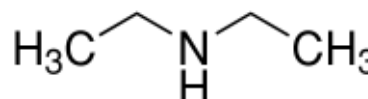
3050 Spruce Street, Saint Louis, MO 63103, USA

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

Product Specification

Product Name:
Diethylamine - BioXtra

Product Number: **D0806**
CAS Number: 109-89-7
MDL: MFCD00009032
Formula: C₄H₁₁N
Formula Weight: 73.14 g/mol



TEST	Specification
Appearance (Turbidity) - Visua	Clear
Appearance (Color)	Colorless to Faint Yellow
Appearance (Form)	Liquid
Solubility (Color)	Clear
Solubility Concentration: 1M in Water at 20 Degrees Celsius	
Solubility	Complete
Residue on ignition (Ash)	≤ 0.1 %
Chloride Content	≤ 0.05 %
Sulfate	≤ 0.05 %
Aluminum (Al)	≤ 0.0005 %
Calcium (Ca)	≤ 0.0005 %
Copper (Cu)	≤ 0.0005 %
Iron (Fe)	≤ 0.0005 %
Potassium (K)	≤ 0.005 %
Magnesium (Mg)	≤ 0.0005 %
Sodium (Na)	≤ 0.005 %
Phosphorus (P)	≤ 0.0005 %
Lead (Pb)	≤ 0.001 %
Zinc (Zn)	≤ 0.0005 %
Ammonia (NH ₄)	≤ 0.05 %
Purity (GC)	≥ 97.5 %

Specification: PRD.0.ZQ5.10000017819

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.