

Certificate of Analysis

Date of Testing: 2024-05-30 16:39:01

Date of Next Testing: 2028-05-29 16:39:01

Product Name: **Diethanolamine**

CAS Number: 111-42-2

Specifications & Purity: ACS, $\geq 99.0\%$ (GC)

Lot #: E2417173

SKU #: **D112361**

Version: **0**

Analysis #: **356150**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.474-1.479	1.48
Ignition Residue	0-0.005 (%)	0.00 %
Water by Karl Fischer	0-0.15 (%)	0.03 %
Purity(GC)	99-100 (%)	99.80 %
Appearance (D112361)	white solid or colorless liquid	white solid or colorless liquid
Solubility in H ₂ O , Colorless ,Clear ,50 mg/mL in H ₂ O	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



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QA & QC Manager