



BIO-CHEM CHEMICALS

Office Address: 5455, Nicholson Road Science Market , Ambala Cantt.133001 Haryana(India) ,
Contact no: +91-8295241953, +91-7404210730

CERTIFICATE OF ANALYSIS

Product Name	DIETHANOLAMINE 99% AR
Cas No.	111-42-2
Code No.	B-00981
Batch No.	BC09242235
Mfg.Date	SEP-2024
Date of Analysis	25/09/2024
Retest Date	AUG-2029

TEST	SPECIFICATION	RESULT
Appearance	Clear, colorless viscous liquid	Clear, colorless viscous liquid
Assay	Min 99.0%	99.74%
Apparent equivalent weight	104 - 106	106
Freezing point	27 - 28 °C	27 °C
Residue on ignition (as SO ₄)	Max 0.002%	0.001%
Ethanolamine (GC)	Max 0.3%	Less than 0.3%
Triethanolamine (GC)	Max 0.3%	Less than 0.3%
Chloride (Cl)	Max 0.001%	Less than 0.001%
Heavy metal (as Pb)	Max 0.0001%	Less than 0.0001%
Iron (Fe)	Max 0.0001%	Less than 0.0001%

REMARK: This product complies as per the specifications of **BIO-CHEM CHEMICALS**.

This is an electronically generated certificate and is valid without a signature.

For Issues relating to quality you may send us a mail on info@biofinechemical.com or call on
+91-7404210730 Website- www.biofinechemical.com