



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	ETHANOLAMINE (MONO) 99% AR
Code No.	B-01130
Batch No.	BC05220341
Mfg.Date	MAY-2022
Date of Analysis	27/05/2022
Retest Date	APR-2027

TEST	SPECIFICATION	RESULT
Appearance	A clear viscous hygroscopic liquid	A clear viscous hygroscopic liquid
Assay (GC area %)	Min 99%	99.90%
Weight/ mL at 20°C	1.016 - 1.020 g/m	1.017 g/ml
APHA colour	Max 15 Hazen	9 Hazen
Non-volatile matter	Max 0.2%	0.06%
Ethanol (G.C.) (v/v)	Max 0.1%	0.08%
Diethanolamine (GC)	Max 0.3%	0.1%
Triethanolamine (GC)	Max 0.1%	0.05%
Water (by KF)	Max 0.3%	0.21%
Sulphated ash	Max 0.02%	0.01%
Copper (Cu)	Max 0.0005%	Less than 0.0005%
Iron (Fe)	Max 0.0005%	Less than 0.0005%
Heavy metal (as Pb)	Max 0.0005%	Less than 0.0005%
Identity (IR)	Passes test	Complies

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@biofinechemicals.com or call on
+91-7404210730 Website- www.biofinechemicals.com