



CERTIFICATE OF ANALYSIS

Product Name	:	DIETHANOLAMINE 99% AR
Cas No.	:	111-42-2
Code No.	:	00981
Batch No.	:	PC07231028
Mfg. Date	:	JULY-2023
Date Of Analysis	:	02/08/2023
Retest Date	:	JUNE-2028

TEST	SPECIFICATION	RESULT
Appearance	Clear viscous liquid	Clear viscous liquid
Purity (by GC)	Min 99.0%	99.12%
Apparent equivalent weight	104 - 106	105
Freezing point	27 - 28°C	27°C
APHA colour	Max 15	7
Residue on ignition (as SO ₄)	Max 0.005%	0.0022%
Ethanolamine (GC)	Max 0.3%	0.1%
Triethanolamine (GC)	Max 0.3%	0.05%
Chloride (Cl)	Max 0.001%	0.0003%
Water (H ₂ O)	Max 0.15%	0.081%
Heavy metal (as Pb)	Max 0.0001%	0.00007%
Iron (Fe)	Max 0.0001%	0.00005%

REMARK : This product complies as per the specifications of **Pallav Chemicals & Solvents Pvt. Ltd.**

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

For Issues relating to Quality you may send us a mail on sales@pallavchemicals.com or call on **022 4928 4000**

Website: www.pallavchemicals.com