



## **CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	<b>:</b>	<b>ETHANOLAMINE (MONO) 99% AR</b>
<b>Cas No.</b>	<b>:</b>	<b>141-43-5</b>
<b>Code No.</b>	<b>:</b>	<b>01130</b>
<b>Batch No.</b>	<b>:</b>	<b>PC01242367</b>
<b>Mfg. Date</b>	<b>:</b>	<b>JAN-2024</b>
<b>Date Of Analysis</b>	<b>:</b>	<b>09/01/2024</b>
<b>Retest Date</b>	<b>:</b>	<b>DEC-2028</b>

TEST	SPECIFICATION	RESULT
Appearance	A clear viscous hygroscopic liquid	A clear viscous hygroscopic liquid
Purity (by GC)	Min 99.0%	99.66%
Weight/ mL at 20°C	1.016 - 1.020 g/ml	1.017 g/ml
APHA colour	Max 15 Hazen	8 Hazen
Non volatile matter	Max 0.2%	0.03%
Ethanol (G.C.) (v/v)	Max 0.1%	0.06%
Diethanolamine (GC)	Max 0.3%	0.08%
Triethanolamine (GC)	Max 0.1%	0.05%
Sulphated ash	Max 0.02%	0.008%
Copper (Cu)	Max 0.0005%	0.000016%
Iron (Fe)	Max 0.0005%	0.00004%
Heavy metal (as Pb)	Max 0.0005%	0.000013%
Identity (IR)	Passes test	Passes

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](mailto:sales@pallavchemicals.com) or call on **022 4928 4000**

Website: [www.pallavchemicals.com](http://www.pallavchemicals.com)