

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : ETHANOLAMINE (MONO) 99%**  
(2-aminoethanol,monoethanolamine)

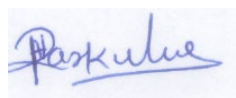
**CAS No** : 141-43-5  
**Mol. Formula** : C<sub>2</sub>H<sub>7</sub>NO  
**Mol. WT** : 61.08  
**Date of analysis** : 07/12/24

**Product code** : 14324  
**Batch No** : MCR-26909-01  
**Mfd.** : Dec. 2024  
**Exp.** : Nov. 2029

| S. R | Test                                                 | Specification                                                 | Observation                                                   |
|------|------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|
| 1    | <b>Description</b>                                   | Colourless viscous liquid with ammoniacal odour, hygroscopic. | Colourless viscous liquid with ammoniacal odour, hygroscopic. |
| 2    | <b>Assay</b>                                         | 99% min                                                       | 99.90%                                                        |
| 3    | <b>Wt. per ml (at 20<sup>0</sup>c)</b>               | 1.015-1.018g                                                  | 1.016g                                                        |
| 4    | <b>Refractive index (n)<sup>20</sup><sub>D</sub></b> | 1.4535-1.4545                                                 | 1.4538                                                        |
| 5    | <b>Sulphated ash</b>                                 | 0.05% max                                                     | 0.03%                                                         |

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**



**CHEMIST**  
**(Ruchi)**

**[QC Incharge]**



**HEAD-QUALITY ASSURANCE**  
**(G.G.Salian)**

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