



## **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 : 07/11/22**

**Product code : 14324**  
**Batch No : MCR-26909**  
**Mfd. : Nov. 2022**  
**Exp. : Oct. 2027**

| S. R | Test                                            | Specification                                                 | Observation                                                   |
|------|-------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|
| 1    | Description                                     | Colourless viscous liquid with ammoniacal odour, hygroscopic. | Colourless viscous liquid with ammoniacal odour, hygroscopic. |
| 2    | Assay                                           | 99% min                                                       | 99.93%                                                        |
| 3    | Wt. per ml (at 20 <sup>0</sup> c)               | 1.015-1.018g                                                  | 1.016g                                                        |
| 4    | Refractive index (n) <sup>20</sup> <sub>D</sub> | 1.4535-1.4545                                                 | 1.4537                                                        |
| 5    | Sulphated ash                                   | 0.05% max                                                     | 0.03%                                                         |

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

**[Tested By]**

**CHEMIST**  
**(Asmita)**

**[QC Incharge]**

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

**Note:** Computer generated image requires no sign.

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