



## **CERTIFICATE OF ANALYSIS**

**Date:** 09/05/16

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

**CAS No** : 141-43-5  
**Mol. Formula** :  $C_2H_7NO$   
**Mol. WT** : 61.08  
**Exp.** : April 2021

**Product code** : 14324  
**Batch No** : MCR-11663  
**Mfd.** : May 2016

| S. R | Test                                            | Specification | Observation |
|------|-------------------------------------------------|---------------|-------------|
| 1    | Assay                                           | 99% min       | 99.85%      |
| 2    | Wt. per ml (at 20 <sup>0</sup> c)               | 1.015-1.018g  | 1.017g      |
| 3    | Refractive index (n) <sup>20</sup> <sub>D</sub> | 1.4535-1.4545 | 1.4540      |
| 4    | Sulphated ash                                   | 0.05% max     | 0.03%       |

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

**[Tested By]**

**[QC Incharge]**

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

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

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