



## **CERTIFICATE OF ANALYSIS**

**PRODUCT NAME : DIETHYLAMINE 99.5%**

**CAS No** : 109- 89- 7  
**Formula** :  $(C_2H_5)_2NH$   
**Mol. WT** : 73.14  
**Date of analysis** : 06/11/19

**Product code** : 14150  
**Batch No** : MCR-19946  
**Mfd.** : Nov. 2019  
**Exp.** : Oct. 2024

| S. R | Test                          | Specification                                                           | Observation                                                      |
|------|-------------------------------|-------------------------------------------------------------------------|------------------------------------------------------------------|
| 1    | Description                   | Clear colourless strongly alkaline liquid. APHA not greater than 10 HU. | Clear colourless strongly alkaline liquid. APHA less than 10 HU. |
| 2    | Assay (acidimetric)           | 99.5% min                                                               | 99.65%                                                           |
| 3    | Wt. per ml at 20°C            | 0.702-0.704 g                                                           | 0.702 g                                                          |
| 4    | Refractive index $[n]_D^{20}$ | 1.3845-1.3860                                                           | 1.3850                                                           |

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

**[Tested By]**

**[Q.C Incharge]**

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

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

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