

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : N,N DIMETHYLFORMAMIDE AR**  
(Formdimethylamide)

**CAS No : 68-12-2**  
**Mol. Formula : H.CON(CH<sub>3</sub>)<sub>2</sub>**  
**Mol. WT : 73.09**  
**Date of analysis : 25/01/25**

**Product code : 23035**  
**Batch No. : MCAR-01143**  
**Mfd. : Jan. 2025**  
**Exp. : Dec. 2029**

| S.R | Test                                                 | Specification                                              | Observation                                         |
|-----|------------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------|
| 1   | <b>Description</b>                                   | A clear, colourless liquid.<br>APHA not greater than 10 HU | A clear, colourless liquid.<br>APHA less than 10 HU |
| 2   | <b>Assay( G.C)</b>                                   | 99.5 % min.                                                | 99.99% w/w                                          |
| 3   | <b>Wt. per ml at 20°C</b>                            | 0.948-0.950g                                               | 0.948g                                              |
| 4   | <b>Refractive index [n]<sup>20</sup><sub>D</sub></b> | 1.429-1.431                                                | 1.429                                               |
| 5   | <b>Water</b>                                         | 0.1% max                                                   | 0.039%                                              |
| 6   | <b>Acidity</b>                                       | 0.1 ml N% max                                              | < 0.1 ml N%                                         |
| 7   | <b>Alkalinity</b>                                    | 0.1 ml N% max                                              | <0.1 ml N%                                          |
| 8   | <b>Non-volatile matter</b>                           | 0.002% max                                                 | 0.001%                                              |
| 9   | <b>Copper (Cu)</b>                                   | 0.0005% max                                                | <0.0005%                                            |
| 10  | <b>Iron (Fe)</b>                                     | 0.0005% max                                                | <0.0005%                                            |
| 11  | <b>Lead (Pb)</b>                                     | 0.0005% max                                                | <0.0005%                                            |

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

**[Tested By]**



**CHEMIST  
(Durvas)**



**[QC Incharge]**



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

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