



## **CERTIFICATE OF ANALYSIS**

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

|                         |                                            |                     |                       |
|-------------------------|--------------------------------------------|---------------------|-----------------------|
| <b>CAS No</b>           | <b>: 68- 12- 2</b>                         | <b>Product code</b> | <b>: 14185</b>        |
| <b>Mol. Formula</b>     | <b>: H.CON(CH<sub>3</sub>)<sub>2</sub></b> | <b>Batch No</b>     | <b>: MCR-23032-01</b> |
| <b>Mol. WT</b>          | <b>: 73.09</b>                             | <b>Mfd.</b>         | <b>: June 2023</b>    |
| <b>Date of analysis</b> | <b>: 04/06/23</b>                          | <b>Exp.</b>         | <b>: May 2028</b>     |

| S. R | Test                                            | Specification                                                 | Observation                                         |
|------|-------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------------|
| 1    | Description                                     | A clear, colourless liquid.<br>APHA not greater than<br>10 HU | A clear, colourless liquid.<br>APHA less than 10 HU |
| 2    | Assay( G.C)                                     | 99 % min.                                                     | 99.96%                                              |
| 3    | Wt. per ml at 20 <sup>0</sup> C                 | 0.947-0.949g                                                  | 0.948 g                                             |
| 4    | Refractive index [n] <sup>20</sup> <sub>D</sub> | 1.4295-1.4305                                                 | 1.4299                                              |
| 5    | Water                                           | 0.1% max                                                      | 0.018%                                              |
| 6    | Acidity                                         | 0.2 ml N% max                                                 | < 0.2 ml N%                                         |

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

**[Tested By]**

**[QC Incharge]**

**CHEMIST**  
**(Deepa)**

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

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

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