



## **CERTIFICATE OF ANALYSIS**

**PRODUCT NAME : N,N-DIMETHYL FORMAMIDE SPECIALLY DRIED AR**

**CAS No** : 68- 12- 2  
**Mol. Formula** : H.CON(CH<sub>3</sub>)<sub>2</sub>  
**Mol. WT** : 73.09  
**Date of analysis** : 03/06/21

**Product code** : 42010  
**Batch No** : MCM-4142  
**Mfd .** : June 2021  
**Exp.** : May 2026

| S. R | Test                            | Specification                                            | Observation                                       |
|------|---------------------------------|----------------------------------------------------------|---------------------------------------------------|
| 1    | Description                     | A clear, colourless liquid. APHA not greater than 10 HU. | A clear, colourless liquid. APHA less than 10 HU. |
| 1    | Assay( G.C)                     | 99.9 % min.                                              | 99.96%                                            |
| 2    | Wt. per ml at 20 <sup>0</sup> C | 0.947-0.949g                                             | 0.948 g                                           |
| 3    | Water                           | 0.01% max                                                | 0.009%                                            |
| 4    | Acidity                         | 0.005% max                                               | < 0.005%                                          |
| 5    | Alkalinity                      | 0.005% max                                               | < 0.005%                                          |
| 6    | Non volatile matter             | 0.005% max                                               | 0.003%                                            |
| 7    | Diethylamine (GC)               | 0.05% max                                                | < 0.05%                                           |
| 8    | Dimethylamine (GC)              | 0.05% max                                                | < 0.05%                                           |
| 9    | Methanol (GC)                   | 0.05% max                                                | < 0.05%                                           |

**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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