

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : FORMALDEHYDE SOLUTION**  
(37 – 41% w/v) ( Formalin)

**CAS No : 50-00-0**  
**Mol. Formula : H.CHO**  
**Mol. WT : 30.03**  
**Date of analysis : 17/02/24**

**Product code : 14561**  
**Batch No. : MCR-30419**  
**Mfd. : Feb. 2024**  
**Exp. : Jan. 2029**

| S.R | Test                                | Specification                                       | Observation                                         |
|-----|-------------------------------------|-----------------------------------------------------|-----------------------------------------------------|
| 1   | Description                         | A clear, colourless liquid,with characteristic odor | A clear, colourless liquid,with characteristic odor |
| 2   | Assay (acidimetric after oxidation) | 37 - 41 % w/v                                       | 40.99% w/v                                          |
| 3   | Boiling point (95%)                 | 96 <sup>0</sup> – 98 <sup>0</sup> C                 | 97 <sup>0</sup> C                                   |
| 4   | Specific gravity 25 <sup>0</sup> C  | 1.080 – 1.10                                        | 1.080g                                              |
| 5   | Methanol content                    | 6 - 8 % w/w                                         | 7.0%                                                |
| 7   | Acidity ( as HCOOH )                | 0.1% max                                            | < 0.1%                                              |
| 8   | Chloride (Cl)                       | 0.001 % max                                         | < 0.001 %                                           |

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

**[Tested By]**

**[QC Incharge]**

**CHEMIST**  
**(Sonu)**

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

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

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