



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : FORMALDEHYDE SOLUTION AR**  
**(37.0-41.0% w/v)**

**CAS No** : 50-00-0  
**Mol. Formula** : H.CHO  
**Mol. WT** : 30.03  
**Date of analysis** : 13/07/19

**Product code** : 23320  
**Batch No** : MCRT-19163  
**Mfd.** : July 2019  
**Exp.** : June 2024

| S. R | Test                               | Specification                                        | Observation                                          |
|------|------------------------------------|------------------------------------------------------|------------------------------------------------------|
| 1    | <b>Description</b>                 | A clear, colourless liquid, with characteristic odor | A clear, colourless liquid, with characteristic odor |
| 2    | <b>Assay (acidimetric)</b>         | 37.0- 41.0 % w/v                                     | 40.70% w/v                                           |
| 3    | <b>Methanol (CH<sub>3</sub>OH)</b> | 10.0 - 14.0%                                         | 10.9%                                                |
| 4    | <b>Wt. per ml at 20 °C</b>         | 1.075-1.090 g                                        | 1.080g                                               |
| 5    | <b>Acidity (H.COOH)</b>            | 0.045% max                                           | <0.045%                                              |
| 6    | <b>Non-volatile matter</b>         | 0.005 % max                                          | 0.003%                                               |
| 7    | <b>Chloride (Cl)</b>               | 0.0002 % max                                         | < 0.0002 %                                           |
| 8    | <b>Sulphate (SO<sub>4</sub>)</b>   | 0.002 % max                                          | < 0.002 %                                            |
| 9    | <b>Copper (Cu)</b>                 | 0.0002 % max                                         | < 0.0002 %                                           |
| 10   | <b>Iron (Fe)</b>                   | 0.0002 % max                                         | < 0.0002 %                                           |
| 11   | <b>Lead (Pb)</b>                   | 0.0002 % max                                         | < 0.0002 %                                           |

**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.

**MOLYCHEM Office:** 78/80 Babu Genu Road, Souri Bldg., 2<sup>nd</sup> Floor, Mumbai – 400 002 (INDIA)  
**Tel:** +91 22 4066 8111, 2205 7772 . **Fax:** + 91 22 2203 4442. **Email :** [info@molychem.net](mailto:info@molychem.net)  
**Works:** Plot No. B/9, Badlapur M.I.D.C., OPP.Shobhavat Textile Co.,  
Kulgaon, Badlapur (E), Dist.-Thane-421 503