



## **CERTIFICATE OF ANALYSIS**

**PRODUCT NAME : CHLOROFORM AR**

**CAS No** : 67-66-3  
**Mol. Formula** :  $\text{CHCl}_3$   
**Mol. WT** : 119.38  
**Date of analysis** : 30/09/18

**Product code** : 22620  
**Batch No** : MCRT-16997  
**Mfd.** : Sept. 2018  
**Exp.** : Aug. 2023

| S. R | Test                                            | Specification                                                                      | Observation                                                                 |
|------|-------------------------------------------------|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| 1    | Description                                     | A clear, colourless liquid, with characteristic odor, APHA not greater than 10 HU. | A clear, colourless liquid, with characteristic odor, APHA less than 10 HU. |
| 2    | Assay (GC)                                      | 99.8 % min                                                                         | 99.97%                                                                      |
| 3    | Wt. per ml (at 20 <sup>0</sup> c)               | 1.474-1.479g                                                                       | 1.476g                                                                      |
| 4    | Refractive index                                | 1.444 – 1.445                                                                      | 1.445                                                                       |
| 5    | Water                                           | 0.05% max                                                                          | 0.003%                                                                      |
| 6    | Acidity (HCl)                                   | 0.0005% max                                                                        | < 0.0005%                                                                   |
| 7    | Non Volatile Matter                             | 0.0005% max                                                                        | 0.0002%                                                                     |
| 8    | Ionized chloride(Cl)                            | 0.00002% max                                                                       | <0.00002%                                                                   |
| 9    | Free chlorine(Cl)                               | 0.0005% max                                                                        | < 0.0005%                                                                   |
| 10   | Metallic impurities                             | No reaction                                                                        | No reaction                                                                 |
| 11   | Aldehydes & Ketones ( $\text{CH}_3\text{CHO}$ ) | 0.005% max                                                                         | < 0.005%                                                                    |
| 12   | Organic impurities                              | Passes Test                                                                        | Passes Test                                                                 |

**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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