



## **CERTIFICATE OF ANALYSIS**

**Date: 16/11/13**

**PRODUCT NAME : CHLOROFORM GR**

**CAS No : 67-66-3**  
**Mol. Formula :  $\text{CHCl}_3$**   
**Mol. WT : 119.38**

**Product code : 22620**  
**Batch No : MCRT-7390**  
**Mfd . : Nov. 2013**

| S. R | Test                                           | Specification | Observation |
|------|------------------------------------------------|---------------|-------------|
| 1    | Assay (GC)                                     | 99.8 % min    | 99.94%      |
| 2    | Wt.per ml (at20 <sup>0</sup> c)                | 1.474-1.479g  | 1.476g      |
| 3    | Refractive index                               | 1.444 – 1.445 | 1.444       |
| 4    | Water                                          | 0.05% max     | 0.012%      |
| 5    | Acidity (HCl)                                  | 0.0005% max   | < 0.0005%   |
| 6    | Non Volatile Matter                            | 0.0005% max   | 0.0004%     |
| 7    | Ionized chloride(Cl)                           | 0.00002% max  | <0.00002%   |
| 8    | Free chlorine(Cl)                              | 0.0005% max   | < 0.0005%   |
| 9    | Metallic impurities                            | No reaction   | No reaction |
| 10   | Aldehydes & Ketones( $\text{CH}_3\text{CHO}$ ) | 0.005% max    | < 0.005%    |
| 11   | 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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