



## **CERTIFICATE OF ANALYSIS**

**PRODUCT NAME : n-HEXANE 99% FOR HPLC**

**CAS No : 110-54-3**

**Mol. Formula : C<sub>6</sub>H<sub>14</sub>**

**Mol. WT : 86.18**

**Date of analysis : 05/09/19**

**Product code : 41072**

**Batch No : MCR-19499**

**Mfd. : Sept. 2019**

**Exp. : Aug. 2024**

| S. R | Test                              | Specification                                                                                    | Observation                                                                       |
|------|-----------------------------------|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| 1    | Description                       | A clear colourless liquid with a characteristic odour. APHA not greater than 10 HU               | A clear colourless liquid with a characteristic odour. APHA less than 10 HU       |
| 2    | Assay (GC)                        | 99 % min                                                                                         | 99.34%                                                                            |
| 3    | Water(by KF)                      | 0.01% max                                                                                        | 0.006%                                                                            |
| 4    | Non Volatile Matter               | 0.0001% max                                                                                      | 0.0001%                                                                           |
| 5    | Acidity (as CH <sub>3</sub> COOH) | 0.001% max                                                                                       | < 0.001%                                                                          |
| 6    | Absorbance<br>(1cm cell Vs water) | 200nm – 1.00 max<br>210nm – 0.30 max<br>220nm – 0.10 max<br>230nm – 0.05 max<br>250nm – 0.01 max | 200nm – 0.595<br>210nm – 0.221<br>220nm – 0.076<br>230nm – 0.026<br>250nm – 0.002 |

**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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