



CERTIFICATE OF ANALYSIS

PRODUCT NAME : CYCLOHEXANE AR

CAS No : 110-82-7

Mol. Formula : C₆H₁₂

Mol. WT : 84.16

Date of analysis : 23/02/19

Product code : 22830

Batch No : MCRT-18097

Mfd. : Feb. 2019

Exp. : Jan. 2024

| S. R | Test | Specification | Observation |
|------|--|--|--|
| 1 | Description | A clear colourless liquid. APHA not greater than 10 HU | A clear colourless liquid. APHA less than 10 HU |
| 2 | Assay (GC) | 99.5 % min | 99.96% |
| 3 | Wt. per ml (at 20 ⁰ c) | 0.776-0.780g | 0.778g |
| 4 | Freezing point | 5.0 - 6.5 ^o c | 6.1 ^o c |
| 5 | Refractive index at 20 ⁰ C | 1.425- 1.426 | 1.426 |
| 6 | Water(H ₂ O) | 0.03 % max | 0.01% |
| 7 | Non-volatile matter | 0.001 % max | 0.0008% |
| 8 | Benzene (C ₆ H ₆) (by GC) | 0.01% max | <0.01 % |
| 9 | Cyclohexene (C ₆ H ₁₀) (by GC) | 0.01% max | <0.01 % |
| 10 | Ethanol (by GC) | 0.01% max | <0.01 % |
| 11 | Substance discoloured by H ₂ SO ₄ | Passes test | Passes test |

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[Q.C Incharge]

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

Note: Computer generated image requires no sign.

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