



CERTIFICATE OF ANALYSIS

Date : 26/02/18

PRODUCT NAME : CYCLOHEXANE AR

CAS No : 110-82-7
Mol. Formula : C_6H_{12}
Mol. WT : 84.16
Exp. : Jan. 2023

Product code : 22830
Batch No : MCRT-15595
Mfd. : Feb. 2018

S. R	Test	Specification	Observation
1	Assay (GC)	99.5 % min	99.98%
2	Wt. per ml (at 20 ⁰ c)	0.776-0.780g	0.779g
3	Freezing point	5.0 - 6.5 ⁰ c	6.2 ⁰ c
4	Refractive index at 20 ⁰ C	1.425- 1.426	1.426
5	Water(H ₂ O)	0.03 % max	0.01%
6	Non-volatile matter	0.001 % max	0.0006%
7	Benzene (C ₆ H ₆) (by GC)	0.01% max	<0.01 %
8	Cyclohexene (C ₆ H ₁₀) (by GC)	0.01% max	<0.01 %
9	Ethanol (by GC)	0.01% max	<0.01 %
10	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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