



CERTIFICATE OF ANALYSIS

Date : 03/07/18

PRODUCT NAME : CYCLOHEXANE AR

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

Product code : 22830
Batch No : MCRT-16424
Mfd. : July 2018

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	99.90%
3	Wt. per ml (at 20 ⁰ c)	0.776-0.780g	0.780g
4	Freezing point	5.0 - 6.5 ⁰ c	6.0 ⁰ c
5	Refractive index at 20 ⁰ C	1.425- 1.426	1.426
6	Water(H ₂ O)	0.03 % max	0.02%
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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