

CERTIFICATE OF ANALYSIS

PRODUCT NAME : CYCLOHEXANE AR

CAS No : 110-82-7
Mol. Formula : C₆H₁₂
Mol. WT : 84.16
Date of analysis : 15/04/24

Product code : 22830
Batch No. : MCAR-00020
Mfd. : April 2024
Exp. : March 2029

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	99.94%
3	Wt. per ml (at 20⁰c)	0.776-0.780g	0.778g
4	Freezing point	5.0 - 6.5 ⁰ c	6.1 ⁰ c
5	Refractive index at 20⁰C	1.425- 1.426	1.425
6	Water (H₂O)	0.03 % max	0.01%
7	Non-volatile matter	0.001 % max	0.0009%
8	Benzene (C₆H₆) (by GC)	0.01% max	<0.01 %
9	Cyclohexene (C₆H₁₀) (by GC)	0.01% max	<0.01 %
10	Ethanol (by GC)	0.01% max	<0.01 %
11	Substance discoloured by H₂SO₄	Passes test	Passes test

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

CHEMIST
(Ruchi)

HEAD-QUALITY ASSURANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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