

CERTIFICATE OF ANALYSIS

PRODUCT NAME : CYCLOHEXANONE AR

CAS No : 108-94-1
Mol. Formula : C₆H₁₀O
Mol. WT : 98.15
Date of analysis : 15/04/24

Product code : 22835
Batch No. : MCAR-00021
Mfd. : April 2024
Exp. : March 2029

S.R	Test	Specification	Observation
1	Description	A clear colourless liquid. APHA not more than 10 HU.	A clear colourless liquid. APHA less than 10 HU.
2	Assay	99.5 % min	99.96%
3	Wt. per ml (at 20 ⁰ c)	0.945 - 0.947g	0.945g
4	Refractive index (n) ²⁰ _D	1.450 - 1.451	1.450
5	Water	0.2 % max	0.04%
6	Non volatile matter	0.02 % max	0.0006 %
7	Acidity (CH ₃ COOH)	0.02 % max	<0.02 %
8	Cyclohexane (C ₆ H ₁₂)	0.001 % max	<0.001 %
9	Cyclohexanol (C ₆ H ₁₂ O)	0.2 % max	<0.2 %
10	Copper (Cu)	0.00005 % max	<0.00005 %
11	Iron (Fe)	0.0001 % max	<0.0001 %
12	Lead (Pb)	0.00005 % max	<0.00005 %

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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