

CERTIFICATE OF ANALYSIS

PRODUCT NAME : CYCLOHEXANE AR

CAS No : 110-82-7
Mol. Formula : C₆H₁₂
Mol. WT : 84.16
Date of analysis : 29/01/25

Product code : 22830
Batch No. : MCAR-01160
Mfd. : Jan. 2025
Exp. : Dec. 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	99.83%
3	Wt. per ml (at 20 ⁰ c)	0.776-0.780g	0.777g
4	Freezing point	5.0 - 6.5 ⁰ c	6.3 ⁰ c
5	Refractive index at 20 ⁰ C	1.425- 1.426	1.425
6	Water (H ₂ O)	0.03 % max	0.008%
7	Non-volatile matter	0.001 % max	0.0009%
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]



**CHEMIST
(Durvas)**



[QC Incharge]



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

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Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.