

CERTIFICATE OF ANALYSIS

PRODUCT NAME : n-HEXANE 99% AR

CAS No : 110-54-3
Mol. Formula : C₆H₁₄
Mol. WT : 86.18
Date of analysis : 05/06/25

Product code : 23490
Batch No : MCAR-01673
Mfd. : June 2025
Exp. : May 2030

S.R	Test	Specification	Observation
1	Description	A clear colourless liquid.	A clear colourless liquid
2	Assay (GC)	99% min	99.31%
3	Wt. per ml at 20 ⁰ c	0.658-0.659g	0.658g
4	Refractive index (n) ²⁰ _D	About 1.376	1.376
5	Water	0.05% max	0.007%
6	Non volatile matter	0.001% max	0.0008%
7	Acidity (CH ₃ .COOH)	0.0005% max	<0.0005%
8	Alkalinity (NH ₃)	0.0001% max	<0.0001%
9	Bromine no.	NMT 0.5	<0.5
10	Sulphur compounds (CS ₂)	0.005% max	<0.005%
11	Aromatic hydrocarbons (C ₆ H ₆)	0.01% max	<0.01%
12	Copper (Cu)	0.000002% max	<0.000002%
13	Iron (Fe)	0.00001% max	<0.00001%
14	Lead (Pb)	0.000002% max	<0.000002%
15	Nikel (Ni)	0.000002% max	<0.000002%
16	Zinc (Zn)	0.00001% max	<0.00001%
17	Substances darkened by H ₂ SO ₄	Passes test	Passes test

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Deepa)**



[QC Incharge]



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

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