



CERTIFICATE OF ANALYSIS

PRODUCT NAME : n-HEXANE GR

CAS No : 110-54-3

Mol. Formula : C₆H₁₄

Mol. WT : 86.18

Date of analysis : 21/11/22

Product code : 23490

Batch No : MCRT 26992

Mfd. : Nov. 2022

Exp. : Oct. 2027

S. R	Test	Specification	Observation
1	Description	A clear colourless liquid with a characteristic odour. APHA not greater than 10 HU	A clear colourless liquid with a characteristic odour. APHA less than 10 HU
2	Assay (GC)	99.0% min	99.23%
3	Wt. per ml (at 20^oc)	0.658-0.659g	0.659g
4	Refractive index (n)²⁰_D	About 1.376	1.376
5	Water	0.05% max	0.004%
6	Non volatile matter	0.001% max	0.0001%
7	Acidity (CH₃.COOH)	0.0005% max	<0.0005%
8	Alkalinity (NH₃)	0.0001% max	<0.0001%
9	Bromine no.	NMT 0.5	0.43
10	Sulphur compounds (CS₂)	0.005% max	<0.005%
11	Aromatic hydrocarbons (C₆H₆)	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 H₂SO₄	Passes test	Passes test

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

**CHEMIST
(Priti)**

[QC Incharge]

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

Note: Computer generated image requires no sign.

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