



CERTIFICATE OF ANALYSIS

Date: 29/01/18

PRODUCT NAME : n-HEXANE AR

CAS No : 110- 54- 3
Mol. Formula : C₆H₁₄
Mol. WT : 86.18
Exp. : Dec. 2022

Product code : 23490
Batch No : MCRT-15364
Mfd. : Jan. 2018

S. R	Test	Specification	Observation
1	Assay (by GC)	99.0% min.	99.01%
2	Wt. per ml at 20 ⁰ C	0.658 to 0.659g	0.658g
3	Refractive index (n) ²⁰ _D	about 1.376	1.376
4	Water	0.05% max	0.004%
5	Non-volatile matter	0.001% max	0.0004%
6	Acidity (CH ₃ .COOH)	0.0005% max	< 0.0005%
7	Alkalinity (NH ₃)	0.0001% max	<0.0001%
8	Bromine no.	NMT 0.5	< 0.5
9	Sulphur compounds(CS ₂)	0.005% max	<0.005%
10	Aromatic hydrocarbons (C ₆ H ₆)	0.01% max	<0.01%
11	Copper (Cu)	0.000002% max	<0.000002%
12	Iron (Fe)	0.00001% max	<0.00001%
13	Lead (Pb)	0.000002% max	<0.000002%
14	Nikel (Ni)	0.000002% max	<0.000002%
15	Zinc (Zn)	0.00001% max	<0.00001%
16	Substances darkened by H ₂ SO ₄	Passes test	Passes test

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[Q.C Incharge]

HEAD-QUALITY ASSUARANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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