



## CERTIFICATE OF ANALYSIS

Date: 16/01/18

PRODUCT NAME : n-HEXANE AR

CAS No : 110-54-3  
Mol. Formula : C<sub>6</sub>H<sub>14</sub>  
Mol. WT : 86.18  
Exp. : Dec. 2022

Product code : 23490  
Batch No : MCRT-8371-02  
Mfd. : Jan. 2018

S. R	Test	Specification	Observation
1	Assay (GC)	99.0% min	99.42%
2	Wt.per ml (at 20 <sup>o</sup> c)	0.658-0.659g	0.659g
3	Refractive index (n) <sup>20</sup> <sub>D</sub>	About 1.376	1.376
4	Water	0.05% max	0.02%
5	Non volatile matter	0.001% max	0.0006%
6	Acidity (CH <sub>3</sub> .COOH)	0.0005% max	<0.0005%
7	Alkalinity (NH <sub>3</sub> )	0.0001% max	<0.0001%
8	Bromine no.	NMT 0.5	0.45
9	Sulphur compounds (CS <sub>2</sub> )	0.005% max	<0.005%
10	Aromatic hydrocarbons (C <sub>6</sub> H <sub>6</sub> )	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 <sub>2</sub> SO <sub>4</sub>	Passes test	Passes test

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

HEAD-QUALITY ASSUARANCE  
(G.G.Salian)

Note: Computer generated image requires no sign.

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