



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : n-HEXANE AR**

**CAS No : 110-54-3**  
**Mol. Formula : C<sub>6</sub>H<sub>14</sub>**  
**Mol. WT : 86.18**  
**Date of analysis : 17/05/22**

**Product code : 23490**  
**Batch No : MCRT-24099-01**  
**Mfd. : May 2022**  
**Exp. : April 2027**

S.R	Test	Specification	Observation
1	Description	A clear colourless liquid.	A clear colourless liquid
2	Assay (GC)	99.0% min	99.26%
3	Wt.per ml (at 20 <sup>0</sup> c)	0.658-0.659g	0.658g
4	Refractive index (n) <sup>20</sup> <sub>D</sub>	About 1.376	1.376
5	Water	0.05% max	0.009%
6	Non volatile matter	0.001% max	0.0008%
7	Acidity (CH <sub>3</sub> .COOH)	0.0005% max	<0.0005%
8	Alkalinity (NH <sub>3</sub> )	0.0001% max	<0.0001%
9	Bromine no.	NMT 0.5	<0.5
10	Sulphur compounds (CS <sub>2</sub> )	0.005% max	<0.005%
11	Aromatic hydrocarbons (C <sub>6</sub> H <sub>6</sub> )	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 <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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