



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : n-PENTANE AR**

**CAS No : 109-66-0**

**Mol. Formula : CH<sub>3</sub>(CH<sub>2</sub>)<sub>3</sub>. CH<sub>3</sub>**

**Mol. WT : 72.15**

**Date of analysis : 12/07/23**

**Product code : 24633**

**Batch No. : MCRT-23711-02**

**Mfd. : July 2023**

**Exp. : June 2028**

S. R	Test	Specification	Observation
1	Description	A clear liquid with characteristic odour	A clear liquid with characteristic odour
2	Assay (GC)	99.0 % min	99.30%
3	Wt. per ml (at 20 <sup>0</sup> c)	0.625-0.626g	0.625 g
4	Bromine number	Not greater than 0.5	0.3
5	Refractive index (n <sup>20</sup> <sub>D</sub> )	1.357 – 1.358	1.358
6	Water(by KF)	0.02% max	0.01%
7	Acidity(C <sub>4</sub> H <sub>9</sub> COOH)	0.001% max	< 0.001%
8	Non Volatile Matter	0.002% max	0.0015%
9	Sulphur compounds(CS <sub>2</sub> )	0.005 % max	< 0.005%
10	Copper(Cu)	0.00002% max	< 0.00002%
11	Iron(Fe)	0.00005% max	< 0.00005%
12	Lead(Pb)	0.00002% max	< 0.00002%
13	Substance darkened by Sulphuric acid	Passes test	Passes test

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

**[Tested By]**

**[QC Incharge]**

**CHEMIST  
(Priti)**

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

**Note:** Computer generated image requires no sign.

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