



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : -n-PENTANE GR**

**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**

**Product code : 24633**  
**Batch No : MCRT-5472**

S. R	Test	Specification	Observation
1	Assay (GC)	99.0 % min	99.99 %
2	Wt. per ml (at20 <sup>0</sup> c)	0.625-0.626g	0.626 g
3	Bromine number	Not greater than 0.5	0.4
4	Refractive index (n <sup>20</sup> <sub>D</sub> )	1.357 – 1.358	1.357
5	Water(by KF)	0.02 % max	0.006 %
6	Acidity(C <sub>4</sub> H <sub>9</sub> COOH)	0.001 % max	< 0.001 %
7	Non Volatile Matter	0.002% max	0.0018 %
8	Sulphur compounds(CS <sub>2</sub> )	0.005 % max	< 0.005 %
9	Copper(Cu)	0.00002 % max	< 0.00002 %
10	Iron(Fe)	0.00005 % max	< 0.00005 %
11	Lead(Pb)	0.00002 % max	< 0.00002 %
12	Substance darkened by Sulphuric acid	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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