



CERTIFICATE OF ANALYSIS

Date : 30/04/17

PRODUCT NAME : n-PENTANE GR

CAS No : 109-66-0 Product code : 24633
Mol. Formula : CH₃(CH₂)₃. CH₃ Batch No : MCRT-13677
Mol. WT : 72.15 Mfd. : April 2017
Exp. : March 2022

S. R	Test	Specification	Observation
1	Assay (GC)	99.0 % min	99.95%
2	Wt. per ml (at 20 ⁰ c)	0.625-0.626g	0.626 g
3	Bromine number	Not greater than 0.5	0.4
4	Refractive index (n ²⁰ _D)	1.357 – 1.358	1.358
5	Water(by KF)	0.02% max	0.01%
6	Acidity(C ₄ H ₉ COOH)	0.001% max	< 0.001%
7	Non Volatile Matter	0.002% max	0.001%
8	Sulphur compounds(CS ₂)	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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