

CERTIFICATE OF ANALYSIS

PRODUCT NAME : n-PENTANE AR

CAS No	: 109-66-0	Product code	: 24633
Mol. Formula	: CH ₃ (CH ₂) ₃ . CH ₃	Batch No.	: MCRT-29138
Mol. WT	: 72.15	Mfd.	: Aug.2023
Date of analysis	: 24/08/23	Exp.	: July 2028

S.R	Test	Specification	Observation
1	Description	A clear colourless liquid with characteristic odour.	A clear colourless liquid with characteristic odour.
2	Assay (GC)	99.0 % min	99.75 %
3	Wt. per ml (at 20⁰c)	0.625-0.626g	0.626g
4	Bromine number	Not greater than 0.5	0.04
5	Refractive index (n²⁰_D)	1.357 – 1.358	1.358
6	Water(by KF)	0.02% max	0.002 %
7	Acidity(C₄H₉COOH)	0.001% max	< 0.001%
8	Non Volatile Matter	0.002% max	0.0005%
9	Sulphur compounds(CS₂)	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
(Asmita)**

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

Note: Computer generated image requires no sign.

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