



CERTIFICATE OF ANALYSIS

PRODUCT NAME : n-PENTANE AR

CAS No : 109-66-0

Mol. Formula : CH₃(CH₂)₃. CH₃

Mol. WT : 72.15

Date of analysis : 15/06/23

Product code : 24633

Batch No. : MCRT-28533

Mfd. : June 2023

Exp. : May 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	99.26%
3	Wt. per ml (at 20⁰c)	0.625-0.626g	0.625 g
4	Bromine number	Not greater than 0.5	0.2
5	Refractive index (n²⁰_D)	1.357 – 1.358	1.358
6	Water(by KF)	0.02% max	0.006%
7	Acidity(C₄H₉COOH)	0.001% max	< 0.001%
8	Non Volatile Matter	0.002% max	0.0008%
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
(Deepa)**

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

Note: Computer generated image requires no sign.

**MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai – 400 002 (INDIA)
Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : info@molychem.net
Works: Plot No. B/9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,
Kulgaon, Badlapur (E), Dist.-Thane-421 503**