

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.	: MCAR-00351
Mol. WT	: 72.15	Mfd.	: July 2024
Date of analysis	: 05/07/24	Exp.	: June 2029

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	99.35 %
3	Wt. per ml (at 20⁰c)	0.625-0.626g	0.626g
4	Bromine number	Not greater than 0.5	0.1
5	Refractive index (n²⁰_D)	1.357 – 1.358	1.358
6	Water(by KF)	0.02% max	0.0004%
7	Acidity(C₄H₉COOH)	0.001% max	< 0.001%
8	Non Volatile Matter	0.002% max	0.001%
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]



**CHEMIST
(Deepa)**

[QC Incharge]



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

MOLYCHEM H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: info@molychem.net • Web: www.molychem.net

Reg. Office : 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai - 400 002 (INDIA)

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.