

CERTIFICATE OF ANALYSIS

PRODUCT NAME : n-HEPTANE 99.5% AR

CAS No : 142-82-5
Mol. Formula : C₇H₁₆
Mol. WT : 100.21
Date of analysis : 29/11/24

Product code : 23435
Batch No : MCAR-00864
Mfd. : Nov. 2024
Exp. : Oct. 2029

S.R	Test	Specification	Observation
1	Description	A clear colourless liquid. APHA not greater than 10 HU	A clear colourless liquid. APHA less than 10 HU
2	Assay (by GC)	99.5 %min	99.79%
3	Wt. per ml at 20⁰C	0.683 – 0684g	0.684g
4	Bromine number	NMT 0.5	0.2
5	Refractive index at 20⁰c	1.3880 - 1.3885	1.3880
6	Miscibility with chloroform and diethyl ether	Passes test	Passes test
7	Water	0.02% max	0.006%
8	Acidity (CH₃COOH)	0.0005% max	<0.0005%
9	Alkalinity(NH₃)	0.0001% max	<0.0001%
10	Non volatile matter	0.001% max	0.0008%
11	Sulphur compounds(CS₂)	0.0003% max	<0.0003%
12	Copper (Cu)	0.00002% max	<0.00002%
13	Iron (Fe)	0.00005% max	<0.00005%
14	Lead (Pb)	0.00002% max	<0.00002%

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.