



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 : 05/02/20

Product code : 23435
Batch No : MCRT-20769
Mfd. : Feb. 2020
Exp. : Jan. 2025

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	99.51%
3	Wt. per ml at 20⁰C	0.683 – 0684g	0.683g
4	Bromine number	NMT 0.5	0.2
5	Refractive index at 20⁰c	1.3880-1.3885	1.3881
6	Miscibility with chloroform and diethyl ether	Passes test	Passes test
7	Water	0.02% max	0.008%
8	Acidity (CH₃COOH)	0.0005% max	<0.0005%
9	Alkalinity(NH₃)	0.0001% max	<0.0001%
10	Non volatile matter	0.001% max	0.0005%
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]

[QC Incharge]

**HEAD-QUALITY ASSUARANCE
(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**