



## CERTIFICATE OF ANALYSIS

Date: 14/04/18

PRODUCT NAME : n-HEPTANE 99.5% AR

CAS No : 142-82-5  
Mol. Formula : C<sub>7</sub>H<sub>16</sub>  
Mol. WT : 100.21  
Exp. : March 2023

Product code : 23435  
Batch No : MCRT-15936  
Mfd. : April 2018

S.R	Test	Specification	Observation
1	Assay (by GC)	99.5 % min	99.74 %
2	Wt. per ml at 20 <sup>0</sup> C	0.683 – 0684g	0.683g
3	Bromine number	NMT 0.5	0.2
4	Refractive index at 20 <sup>0</sup> c	1.3880-1.3885	1.3883
5	Miscibility with chloroform and diethyl ether	Passes test	Passes test
6	Water	0.02% max	0.01%
7	Acidity (CH <sub>3</sub> COOH)	0.0005% max	<0.0005%
8	Alkalinity(NH <sub>3</sub> )	0.0001% max	<0.0001%
9	Non volatile matter	0.001% max	0.0005%
10	Sulphur compounds(CS <sub>2</sub> )	0.0003% max	<0.0003%
11	Copper (Cu)	0.00002% max	<0.00002%
12	Iron (Fe)	0.00005% max	<0.00005%
13	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., 2<sup>nd</sup> Floor, Mumbai – 400 002 (INDIA)  
Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : [info@molychem.net](mailto:info@molychem.net)  
Works: Plot No. B/9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,  
Kulgaon, Badlapur (E), Dist.-Thane-421 503