



## CERTIFICATE OF ANALYSIS

Date : 10/09/13

PRODUCT NAME : n-PENTANE GR

CAS No : 109-66-0  
Mol. Formula :  $\text{CH}_3(\text{CH}_2)_3\text{CH}_3$   
Mol. WT : 72.15

Product code : 24633  
Batch No : MCRT-7132  
Mfd . : : Sept. 2013

S. R	Test	Specification	Observation
1	Assay (GC)	99.0 % min	99.97%
2	Wt. per ml (at 20 <sup>0</sup> c)	0.625-0.626g	0.626 g
3	Bromine number	Not greater than 0.5	0.4
4	Refractive index (n <sup>20</sup> <sub>D</sub> )	1.357 – 1.358	1.358
5	Water(by KF)	0.02 % max	0.0016 %
6	Acidity(C <sub>4</sub> H <sub>9</sub> COOH)	0.001 % max	< 0.001 %
7	Non Volatile Matter	0.002% max	0.0008 %
8	Sulphur compounds(CS <sub>2</sub> )	0.005 % max	< 0.005 %
9	Copper(Cu)	0.00002 % max	< 0.00002 %
10	Iron(Fe)	0.00005 % max	< 0.00005 %
11	Lead(Pb)	0.00002 % max	< 0.00002 %
12	Substance darkened by Sulphuric acid	Passes test	Passes test

**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./9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,  
Kulgaon, Badlapur (E), Dist.-Thane-421 503