



CERTIFICATE OF ANALYSIS

Date: 28/07/18

PRODUCT NAME : 2,2,4-TRIMETHYLPENTANE AR 99.5%
(iso-Octane)

CAS No : 540- 84- 1
Mol. Formula : C₈H₁₈
Mol. WT : 114.23
Exp. : June 2023

Product code : 26753
Batch No : MCRT-16588
Mfd. : July 2018

S. R	Test	Specification	Observation
1	Description	A clear, colourless liquid,with characteristic odor	A clear, colourless liquid,with characteristic odor
2	Assay	99.5% min	99.69%
3	Wt. per ml at 20 ⁰ C	0.691-0.693g	0.692g
4	Refractive index (n) ²⁰ _D	1.391-1.392	1.392
5	Bromine number	0.5 max.	0.3
6	Water	0.025% max.	0.01%
7	Acidity(CH ₃ COOH)	0.0005% max.	<0.0005%
8	Non volatile matter	0.002% max.	0.001%
9	Sulphur compound (CS ₂)	0.0003% max.	<0.0003%
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 H ₂ SO ₄	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., 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