



CERTIFICATE OF ANALYSIS

PRODUCT NAME : 2,2,4-TRIMETHYLPENTANE FOR HPLC
(iso-Octane)

CAS No	: 540-84-1	Product code	: 42900
Mol. Formula	: C₈H₁₈	Batch No	: MCR-17473
Mol. WT	: 114.23	Mfd.	: Dec. 2018
Date of analysis	: 10/12/18	Exp.	: Nov. 2023

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	99.67%
3	Wt. per ml at 20 ⁰ C	0.691-0.693g	0.692g
4	Water	0.02% max.	0.001%
5	Acidity(CH ₃ COOH)	0.001% max.	<0.001%
6	Non volatile matter	0.0005% max.	0.0002%
7	Minimum Transmission (in 1 cm cell vs H ₂ O) :		
	210nm	20%	50.598%
	235nm	80%	93.654%
	270nm	98%	99.182%

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