

CERTIFICATE OF ANALYSIS

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

CAS No : 540-84-1
Mol. Formula : C₈H₁₈
Mol. WT : 114.23
Date of analysis : 04/10/23

Product code : 42900
Batch No : MCM-3510-02
Mfd. : Oct. 2023
Exp. : Sept. 2028

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	99.63%
3	Wt. per ml at 20°C	0.691-0.693g	0.693g
4	Water	0.02% max.	0.003%
5	Acidity(CH₃COOH)	0.001% max.	<0.001%
6	Non volatile matter	0.0005% max.	0.0002%
7	Minimum Transmission (in 1 cm cell vs H₂O) :		
	210nm	20%	52.2%
	235nm	80%	94.7%
	270nm	98%	98.5%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

CHEMIST
(Ruchi)

[QC Incharge]

HEAD-QUALITY ASSURANCE
(G.G.Salian)

Note: Computer generated image requires no sign.