

## CERTIFICATE OF ANALYSIS

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

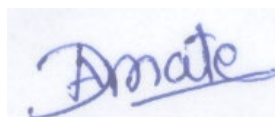
**CAS No : 540-84-1**  
**Mol. Formula : C<sub>8</sub>H<sub>18</sub>**  
**Mol. WT : 114.23**  
**Date of analysis : 22/08/24**

**Product code : 42900**  
**Batch No : MCM-3510-03**  
**Mfd. : Aug. 2024**  
**Exp. : July 2029**

S. R	Test	Specification	Observation
1	<b>Description</b>	A clear, colourless liquid,with characteristic odor	A clear, colourless liquid,with characteristic odor
2	<b>Assay</b>	99.5% min	99.62%
3	<b>Wt. per ml at 20<sup>0</sup>C</b>	0.691-0.693g	0.693g
4	<b>Water</b>	0.02% max.	0.004%
5	<b>Acidity(CH<sub>3</sub>COOH)</b>	0.001% max.	<0.001%
6	<b>Non volatile matter</b>	0.0005% max.	0.0002%
7	<b>Minimum Transmission (in 1 cm cell vs H<sub>2</sub>O) :</b>		
	210nm	20%	52.1%
	235nm	80%	94.8%
	270nm	98%	98.5%

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**



**CHEMIST**  
**(Deepa)**

**[QC Incharge]**



**HEAD-QUALITY ASSURANCE**  
**(G.G.Salian)**