CERTIFICATE OF ANALYSIS

PRODUCT NAME : n-HEPTANE 99% FOR HPLC

CAS No	**: 142-82-5**	**Product code**	**: 41071**
Mol. Formula	**: C_7H_{16}**	**Batch No**	**: MCM-7560**
Mol. WT	**: 100.21**	**Mfd.**	**: July 2025**
Date of Analysis	**: 25/07/25**	**Exp.**	**: June 2030**

S.R	Test	Specification	Observation
1	**Description**	A clear colourless liquid.	A clear colourless liquid.
2	**Assay (GC)**	99 % min	99.63%
3	**Wt. per ml at 20^0c**	0.683 - 0.686 g	0.683 g
4	**Refractive index at 20^0c**	1.387 - 1.388	1.388
5	**Water**	0.01% max	0.008%
6	**Non Volatile Matter**	0.0005% max	0.0003%
7	**Acidity (as CH_3COOH)**	0.001% max	< 0.001%
8	**Maximum UV absorbance (1 cm cell vs H_2O)**		
	200 nm	1.0	0.608
	210 nm	0.4	0.230
	220 nm	0.15	0.086
	230 nm	0.05	0.039
	250 nm	0.01	0.009
	270 nm	0.01	0.005

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

CHEMIST
(Deepa)

MOLYCHEM Badlapur

[QC Incharge]

HEAD-QUALITY ASSURANCE
(G.G.Salian)

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