

**Manufacturers of Laboratory Fine Chemicals** 

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## **CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	:	N-HEPTANE 99% AR
Cas No.	:	142-82-5
Code No.	:	01335
Batch No.	:	PC09231485
Mfg. Date	:	SEP-2023
<b>Date Of Analysis</b>	:	14/09/2023
Retest Date	:	AUG-2028

TEST	SPECIFICATION	RESULT
Appearance	A clear colorless liquid	A clear colorless liquid
Purity (by GC)	Min 99.0%	99.42%
Density (d20°C/4°C)	0.683-0.686 g/ml	0.686 g/ml
Refractive index (20°C; 589 nm)	1.387 - 1.388	1.387
Bromine number	Max. 0.5	0.2
Miscibility with chloroform & diethyl ether	Passes test	Passes
Water (by KF)	Max 0.02%	0.005%
Acidity (as CH <sub>3</sub> COOH)	Max 0.0005%	0.00017%
Alkalinity (as NH <sub>3</sub> )	Max 0.0001%	Nil
Non-volatile matter	Max 0.001%	0.0001%
Sulphur compounds (CS2)	Max 0.0003%	0.0001%
Copper (Cu)	Max 0.00002%	0.00007%
Iron (Fe)	Max 0.00005%	0.000013%
Lead (Pb)	Max 0.00002%	0.00002%

REMARK: This product complies as per the specifications of Pallav Chemicals & Solvents Pvt. Ltd. Manufact

This is an electronically generated Certificate and is valid without a signature.

For Issues relating to Quality you may send us a mail on sales@pallavchemicals.com or call on 022 4928 4000

Website: www.pallavchemicals.com