



Pallav Chemicals & Solvents Pvt. Ltd.
Manufacturers of Laboratory Fine Chemicals

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CERTIFICATE OF ANALYSIS

Product Name	:	N-HEPTANE 99% AR
Cas No.	:	142-82-5
Code No.	:	01335
Batch No.	:	PC10231777
Mfg. Date	:	OCT-2023
Date Of Analysis	:	21/10/2023
Retest Date	:	SEP-2028

TEST	SPECIFICATION	RESULT
Appearance	A clear colorless liquid	A clear colorless liquid
Purity (by GC)	Min 99.0%	99.69%
Density (d _{20°C/4°C})	0.683-0.686 g/ml	0.683 g/ml
Refractive index (20°C; 589 nm)	1.387 - 1.388	1.388
Bromine number	Max. 0.5	0.1
Miscibility with chloroform & diethyl ether	Passes test	Passes
Water (by KF)	Max 0.02%	0.01%
Acidity (as CH ₃ COOH)	Max 0.0005%	0.00016%
Alkalinity (as NH ₃)	Max 0.0001%	Nil
Non-volatile matter	Max 0.001%	0.0001%
Sulphur compounds (CS ₂)	Max 0.0003%	0.0001%
Copper (Cu)	Max 0.00002%	0.000007%
Iron (Fe)	Max 0.00005%	0.000010%
Lead (Pb)	Max 0.00002%	0.000002%

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

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