

Certificate of Analysis

Product: n-Heptane 99% High Purity Grade

Item Number: HEHP

CAS#: 142-82-5

Grade: High Purity

Lot Number: 5002255/1.1

Manufacture Date: 04/24/2026

Expiration Date: 04/23/2029

Country of Origin: Korea South

Tested Property	Specification	Analysis
Color Saybolt	Min +30	+30
API Gravity at 60°F	72.7 - 74.7	74.1
Copper Corrosion (2hrs @ 100°C)	Max 1	1-a
Nonvolatile Matter	Max 1 mg/10mL	0.3
Distillation - IBP	Min 97.2°C	98.2°C
Distillation - DP	Max 100.5°C	98.4°C
Total Sulfur	Max 1 ppm	<1
cis-1,2-DMCp+MCH	Max 0.350, wt%	0.148
3-Methylhexane	Max 0.249, wt%	0.170
Largest Other Single Component	Max 0.149, wt%	0.138
trans-1,2-Dimethylcyclopentane	Max 0.249, wt%	0.057
n-Heptane	Min 99.2, wt%	99.28
Specific Gravity @ 60°F	0.686 - 0.690	0.6882
Benzene	As reported, mg/kg	0
Toluene	As reported, mg/kg	0
Xylene	As reported, mg/kg	0
Aromatics	Max 10 ppm	0
Water Content	Max 100 ppm	22
Doctor Test	None Detected	Not Detected
Density @ 15°C	As reported, kg/m ³	688.0

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Appearance

Colorless

Passes

Store in cool, dry, well-ventilated environment.

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Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

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