

### Certificate of Analysis

**Product: n-Heptane**  
**Item Number: HEHP**  
**Grade: High Purity**  
**Lot Number: 5001532/1.1**  
**Manufacture Date: 08/12/2025**  
**Expiration Date: 08/11/2029**  
**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/m3 | 688.0        |

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Appearance

Colorless

Passes

[n-Heptane](#)

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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