

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-07 16:42:32

Date of Next Testing: 2026-12-06 16:42:32

Product Name: **Heptane**

CAS Number: 142-82-5

Specifications & Purity: anhydrous, 99%

Lot #: L2206719

SKU #: **H119701****Analysis: 160264**

| Parameter | Limit Values | Result |
|-------------------------------------|-----------------------|-----------------------|
| Density (20°C) | 0.683-0.687 | 0.69 |
| Evaporation Residue | 0-0.0005 (%) | 0.00 % |
| Refractive index n ₂₀ /D | 1.386-1.389 | 1.39 |
| Purity(GC) | 99-100 (%) | 99.64 % |
| Water by Karl Fischer | 0-0.001 (%) | 0.00 % |
| Appearance (H119701) | Colorless Liquid | Colorless liquid |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |

John Su
QA & QC Manager