



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-05-23 14:20:20

Date of Next Testing: 2030-05-22 14:20:20

Product Name: **Isooctane**

CAS Number: 540-84-1

Specifications & Purity: for spectroscopy

Lot #: E2621777

SKU #: **I103242**

Version: **1**

Analysis #: **708865**

Storage Temperature: Room temperature

| Parameter                           | Limit Values  | Result    |
|-------------------------------------|---------------|-----------|
| Refractive index n <sub>20</sub> /D | 1.3907-1.3923 | 1.39220   |
| UV Absorbance 240nm                 | 0-0.04        | 0.01500   |
| Purity(GC)                          | 99-100 (%)    | 99.80700% |
| UV Absorbance 250-400nm             | 0-0.01        | 0.00600   |
| UV Absorbance 230nm                 | 0-0.1         | 0.03700   |
| UV Absorbance 210nm                 | 0-1           | 0.59400   |
| UV Absorbance 220nm                 | 0-0.2         | 0.11300   |
| λ, H <sub>2</sub> O reference       | Pass          | Pass      |

John Su  
QA & QC Manager