

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-06-18 14:18:56

Date of Next Testing: 2030-06-17 14:18:56

Product Name: **Isooctane**

CAS Number: 540-84-1

Specifications & Purity: HPLC grade, ≥99%(GC)

Lot #: F2617359

SKU #: **I103237**

Version: **0**

Analysis #: **729450**

Storage Temperature: Room temperature

| Parameter                           | Limit Values     | Result           |
|-------------------------------------|------------------|------------------|
| Acidity (CH <sub>3</sub> COOH)      | 0-0.001 (%)      | 0.00000 %        |
| Evaporation Residue                 | 0-0.0005 (%)     | 0.00000 %        |
| Purity(GC)                          | 99-100 (%)       | 99.90300 %       |
| Density (20°C)                      | 0.691-0.694      | 0.69400          |
| Refractive index n <sub>20</sub> /D | 1.39-1.393       | 1.39140          |
| Water by Karl Fischer               | 0-0.01 (%)       | 0.00430 %        |
| UV Absorbance 210nm                 | 0-0.7            | 0.45900          |
| Absorbance (at 270 nm)              | 0-0.01           | 0.00000          |
| UV Absorbance 235nm                 | 0-0.1            | 0.01400          |
| Appearance (I103237)                | Colorless liquid | Colorless liquid |



John Su  
QA & QC Manager