

Shanghai Aladdin Biochemical Technology Co., LTD  
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

## Certificate of Analysis

Date of Testing: 2024-11-29 19:04:18  
Date of Next Testing: 2028-11-28 19:04:18  
Product Name: **Isooctane**  
CAS Number: 540-84-1  
Specifications & Purity: for spectroscopy  
Lot #: K2428528  
SKU #: **I103242**  
Version: **1**  
Analysis #: **442043**

| Parameter                           | Limit Values  | Result     |
|-------------------------------------|---------------|------------|
| Refractive index n <sub>20</sub> /D | 1.3907-1.3923 | 1.39071    |
| UV Absorbance 240nm                 | 0-0.04        | 0.00140    |
| Purity(GC)                          | 99-100 (%)    | 99.94100 % |
| UV Absorbance 250-400nm             | 0-0.01        | 0.00300    |
| UV Absorbance 230nm                 | 0-0.1         | 0.00041    |
| UV Absorbance 210nm                 | 0-1           | 0.06180    |
| UV Absorbance 220nm                 | 0-0.2         | 0.01081    |
| λ, H <sub>2</sub> O reference       | Pass          | Pass       |



John Su  
QA & QC Manager