

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-09-30 10:31:54

Date of Next Testing: 2026-09-29 10:31:54

Product Name: **Undecane**

CAS Number: 1120-21-4

Specifications &amp; Purity: 99%

Lot #: I2223372

SKU # **U110889****Analysis: 059731**

| Parameter                          | Limit Values          | Result                |
|------------------------------------|-----------------------|-----------------------|
| Refractive index n <sub>20/D</sub> | 1.416-1.419           | 1.42                  |
| Purity(GC)                         | 99-100 (%)            | 99.24 %               |
| Density (20°C)                     | 0.739-0.743           | 0.74                  |
| Appearance (U110889)               | Colorless Liquid      | Colorless liquid      |
| Infrared spectrum                  | Conforms to Structure | Conforms to Structure |

A handwritten signature in black ink that reads "John Su".John Su  
QA & QC Manager