

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-04-10 18:51:16

Date of Next Testing: 2027-04-09 18:51:16

Product Name: **1-Dodecyne**

CAS Number: 765-03-7

Specifications & Purity: >95.0%(GC)

Lot #: D2303791

SKU #: **D155789**

**Analysis:** **170905**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Density (20°C)                      | 0.78-0.79             | 0.79                  |
| Purity(GC)                          | 95-100 (%)            | 99.40 %               |
| Refractive index n <sub>20</sub> /D | 1.433-1.436           | 1.43                  |
| Appearance (D155789)                | Colorless liquid      | Colorless liquid      |
| Proton NMR spectrum                 | Conforms to Structure | Conforms to Structure |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager