

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-08-05 13:33:09

Date of Next Testing: 2028-07-25 13:33:09

Product Name: **Undecanal**

CAS Number: 112-44-7

Specifications & Purity:  $\geq 97\%$

Lot #: J2431444

SKU #: **U105593**

Version: **2**

Analysis #: **749548**

Storage Temperature: Room temperature, Argon charged

| Parameter                           | Limit Values                     | Result                           |
|-------------------------------------|----------------------------------|----------------------------------|
| Purity(GC)                          | 97-100 (%)                       | 97.66800 %                       |
| Density (20°C)                      | 0.827-0.834                      | 0.83080                          |
| Free acid                           | 0-2 (%)                          | 0.02540 %                        |
| Refractive index n <sub>20</sub> /D | 1.430-1.436                      | 1.43511                          |
| Appearance (U105593)                | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Proton NMR spectrum                 | Conforms to structure            | Conforms to Structure            |



John Su  
QA & QC Manager