

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-18 10:13:40
Date of Next Testing: 2029-09-17 10:13:40
Product Name: **Undecanoic acid**
CAS Number: 112-37-8
Specifications & Purity: $\geq 98\%$
Lot #: L2103583
SKU #: **U109481**
Version: **0**
Analysis #: **572365**
Storage Temperature: Room temperature, Argon charged

| Parameter | Limit Values | Result |
|----------------------------|--|--|
| Crystallization point | 28-31 (°C) | 29.00000 °C |
| Purity (Titration by NaOH) | 97.5-102.5 (%) | 99.50000 % |
| Purity(GC) | 98-100 (%) | 98.71000 % |
| Appearance (U109481) | Colorless or White to Yellow Solid or Liquid | Colorless or White to Yellow Solid or Liquid |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager