

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-11-14 14:22:29

Date of Next Testing: 2024-11-03 14:22:29

Product Name: **10-Undecenoic acid**

CAS Number: 112-38-9

Specifications & Purity: $\geq 95\%$

Lot #: D1718089

SKU #: **U106483**

Version: **0**

Analysis #: **154869**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Neutralization titration)	95-105 (%)	96.30000 %
Purity(GC)	95-100 (%)	98.25300 %
Crystallization point	23-25 (°C)	24.30000 °C
Appearance (U106483)	white to yellow solid,colorless to yellow liquid	white to yellow solid,colorless to yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager