

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-22 16:17:43

Date of Next Testing: 2026-11-12 16:17:43

Product Name: **10-Undecenoyl chloride**

CAS Number: 38460-95-6

Specifications & Purity: $\geq 98\%$

Lot #: K2415039

SKU #: **U101250**

Version: **0**

Analysis #: **224575**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.453-1.455	1.45400
Density (20°C)	0.946-0.949	0.94700
Purity(Neutralization titration)	97.5-102.5 (%)	101.52000 %
Purity(GC)	98-100 (%)	98.64500 %
Appearance (U101250)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager