

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-30 16:00:49

Date of Next Testing: 2027-08-20 16:00:49

Product Name: **10-Undecenoyl chloride**

CAS Number: 38460-95-6

Specifications & Purity: $\geq 98\%$

Lot #: H2519118

SKU #: **U101250**

Version: **0**

Analysis #: **566035**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.453-1.455	1.45
Density (20°C)	0.946-0.949	0.95
Purity(Neutralization titration)	97.5-102.5 (%)	97.50 %
Purity(GC)	98-100 (%)	98.77 %
Appearance (U101250)	Colorless to Yellow Liquid	Colorless to Yellow 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