

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-01 11:00:37

Date of Next Testing: 2025-05-21 11:00:37

Product Name: **10-Undecenoyl chloride**

CAS Number: 38460-95-6

Specifications & Purity: $\geq 98\%$

Lot #: E2324301

SKU #: **U101250**

Version: **0**

Analysis #: **231748**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.453-1.455	1.45422
Density (20°C)	0.946-0.949	0.94800
Purity(Neutralization titration)	97.5-102.5 (%)	99.58000 %
Purity(GC)	98-100 (%)	99.11000 %
Appearance (U101250)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager