

Certificate of Analysis

Date of Testing: 2025-02-14 16:23:17

Date of Next Testing: 2027-02-04 16:23:17

Product Name: **10-Undecenoyl chloride**

CAS Number: 38460-95-6

Specifications & Purity: $\geq 98\%$

Lot #: E2324306

SKU #: **U101250**

Version: **0**

Analysis #: **471120**

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



John Su
QA & QC Manager