

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-07 14:41:35

Date of Next Testing: 2025-07-27 14:41:35

Product Name: **Undecanoyl chloride**

CAS Number: 17746-05-3

Specifications & Purity: 97%

Lot #: G2331163

SKU #: **U101147**

Analysis: **231209**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.443-1.445	1.44
Purity(GC)	97-100 (%)	98.84 %
Appearance (U101147)	Colorless to light yellow liquid	Colorless to light 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