

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-01 15:32:17

Date of Next Testing: 2025-07-21 15:32:17

Product Name: **Dodecanoyl chloride**

CAS Number: 112-16-3

Specifications & Purity: 98%

Lot #: G2320651

SKU #: **D109417****Analysis:** **244387**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.98 %
Purity (Argentmetric Titration)	97.5-102.5 (%)	100.86 %
Refractive index n ₂₀ /D	1.443-1.446	1.44
Density (20°C)	0.922-0.926	0.92
Appearance (D109417)	Colorless to Yellow to Orange Liquid	Colorless to Yellow to Orange Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager