

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-14 13:09:13

Date of Next Testing: 2025-01-13 13:09:13

Product Name: **Dodecanedioyl Dichloride**

CAS Number: 4834-98-4

Specifications & Purity: $\geq 98\%$ (GC)

Lot #: A2309409

SKU #: **D154502**

Version: **1**

Analysis #: **179776**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.36500 %
Refractive index n ₂₀ /D	1.466-1.47	1.46830
Purity (Argentmetric Titration)	97.5-102.5 (%)	98.69000 %
Density (20°C)	1.081-1.085	1.08200
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(D154502)	Colorless to Light yellow to Light orange to brown clear liquid	Colorless to Light yellow to Light orange to brown clear liquid



John Su
QA & QC Manager