

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-11-07 13:39:33
 Date of Next Testing: 2024-11-06 13:39:33
 Product Name: **7-Chloro-2-oxoheptanoic Acid Ethyl Ester**
 CAS Number: 78834-75-0
 Specifications & Purity: $\geq 98\%$ (GC)
 Lot #: K2202463
 SKU #: **E137369**
 Version: **0**
 Analysis #: **137122**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.451-1.456	1.45310
Specific gravity	1.105-1.109	1.10720
Purity(GC)	98-100 (%)	98.15300 %
Appearance (E137369)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager