

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-13 15:13:13

Date of Next Testing: 2027-10-13 15:13:13

Product Name: **Ethyl 4-Chlorobutyrate**

CAS Number: 3153-36-4

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

Lot #: J2510070

SKU #: **E135072**

Version: **1**

Analysis #: **589632**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.43-1.432	1.43120
Density (20°C)	1.076-1.08	1.07780
Purity(GC)	98-100 (%)	98.02200 %
Appearance (E135072)	colorless to yellow to brown liquid	colorless to yellow to brown liquid
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager