

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-25 13:43:15

Date of Next Testing: 2027-04-24 13:43:15

Product Name: **Ethyl 4-Chlorobutyrate**

CAS Number: 3153-36-4

Specifications & Purity: $\geq 97\%$

Lot #: D2321857

SKU #: **E493598**

Version: **1**

Analysis #: **215933**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	97.29000 %
Refractive index n ₂₀ /D	1.43-1.432	1.43110
Appearance(E493598)	Colorless to yellow to brown liquid	colorless to yellow to brown liquid
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager