

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-02 16:18:45

Date of Next Testing: 2027-09-01 16:18:45

Product Name: **3-Chlorobutyric Acid**

CAS Number: 1951-12-8

Specifications & Purity: $\geq 95.0\%$

Lot #: H2328059

SKU #: **C153466**

Analysis: **270884**

Parameter	Limit Values	Result
Purity(GC)	95-100 (%)	98.80 %
Purity(Neutralization titration)	94.5-105.5 (%)	100.60 %
Appearance (C153466)	Colorless to almost colorless clear liquid	Colorless to almost colorless clear liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager