

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-18 10:57:42

Date of Next Testing: 2027-05-17 10:57:42

Product Name: **Methyl 4-Chlorobutyrate**

CAS Number: 3153-37-5

Specifications & Purity: $\geq 98\%$

Lot #: E2310084

SKU #: **C108118**

Version: **1**

Analysis #: **158860**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.432-1.434	1.43350
Purity(GC)	98-100 (%)	98.01400 %
Density (20°C)	1.124-1.126	1.12450
Appearance (C108118)	Colorless Liquid	Colorless to Almost colorless to Pale yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager