

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-06-29 17:01:05  
Date of Next Testing: 2028-06-28 17:01:05  
Product Name: **Butyl Chloroacetate**  
CAS Number: 590-02-3  
Specifications & Purity: >98.0%(GC)  
Lot #: F2418009  
SKU #: **B152888**  
Version: **0**  
Analysis #: **378586**

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.18 %
Density (20°C)	1.068-1.073	1.07
Refractive index n <sub>20</sub> /D	1.428-1.43	1.43
Appearance (B152888)	Colorless to light yellow liquid	Colorless to light yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager