

Certificate of Analysis

Date of Testing: 2025-01-16 14:37:23

Date of Next Testing: 2029-01-15 14:37:23

Product Name: **Butyl Chloroacetate**

CAS Number: 590-02-3

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

Lot #: C2123194

SKU #: **B152888**

Version **0**

Analysis #: **457182**

Parameter	Limit Values	Result
Density (20°C)	1.068-1.073	1.07
Refractive index n _{20/D}	1.428-1.43	1.43
Purity(GC)	98-100 (%)	98.14 %
Appearance (B152888)	Colorless to light yellow liquid	Colorless to light yellow 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