

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-07 15:07:53

Date of Next Testing: 2029-06-06 15:07:53

Product Name: **1-Chloroethyl chloroformate**

CAS Number: 50893-53-3

Specifications & Purity: $\geq 98\%$

Lot #: F2503085

SKU #: **C100655**

Version: **1**

Analysis #: **510193**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Density (20°C)	1.312-1.316	1.31
Water by Karl Fischer	0-0.1 (%)	0.06 %
Purity(GC)	98-100 (%)	99.21 %
Refractive index n ₂₀ /D	1.422-1.425	1.42
Appearance (C100655)	colorless to brown liquid	colorless to brown 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