

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-24 17:42:41

Date of Next Testing: 2027-02-23 17:42:41

Product Name: **1-Chloroethyl chloroformate**

CAS Number: 50893-53-3

Specifications & Purity: 98%

Lot #: B2317711

SKU #: **C100655**

Analysis: **175250**

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 (%)	0.03 %
Purity(GC)	98-100 (%)	99.62 %
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