

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-06 15:39:18

Date of Next Testing: 2027-01-05 15:39:18

Product Name: **1-Chloroethyl chloroformate**

CAS Number: 50893-53-3

Specifications & Purity: 98%

Lot #: A2303346

SKU #: **C100655**

Analysis: **117426**

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 (%)	0.04 %
Purity(GC)	98-100 (%)	99.87 %
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