

## Certificate of Analysis

Date of Testing: 2025-06-12 09:19:34

Date of Next Testing: 2029-06-11 09:19:34

Product Name: **1-Chloroethyl chloroformate**

CAS Number: 50893-53-3

Specifications & Purity:  $\geq 98\%$

Lot #: F2503124

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 <sub>20/D</sub> | 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     |



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