

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-04-11 10:58:28

Date of Next Testing: 2027-04-11 10:58:28

Product Name: **2-Chloroethyl methanesulfonate**

CAS Number: 3570-58-9

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

Lot #: G2305715

SKU #: **C138729**

Version **0**

Analysis #: **493482**

| Parameter                           | Limit Values                              | Result                                    |
|-------------------------------------|-------------------------------------------|-------------------------------------------|
| Purity(GC)                          | 98-100 (%)                                | 98.88 %                                   |
| Density (20°C)                      | 1.405-1.409                               | 1.41                                      |
| Refractive index n <sub>20</sub> /D | 1.455-1.459                               | 1.46                                      |
| Appearance (c138729)                | Colorless to light yellow or brown Liquid | Colorless to light yellow or 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