

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-29 08:25:01

Date of Next Testing: 2026-09-29 08:25:01

Product Name: **Ethanesulfonyl Chloride**

CAS Number: 594-44-5

Specifications & Purity: $\geq 98.0\%$

Lot #: I2425275

SKU #: **E136203**

Version: **0**

Analysis #: **378870**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.59%
Refractive index n ₂₀ /D	1.453-1.455	1.45
Purity (Argentmetric Titration)	98-100 (%)	98.90%
Density (20°C)	1.358-1.362	1.36
Appearance (E136203)	Colorless to light yellow liquid	Colorless to light yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager