

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-09-19 16:50:03  
 Date of Next Testing: 2026-09-09 16:50:03  
 Product Name: **Benzenesulfonyl chloride**  
 CAS Number: 98-09-9  
 Specifications & Purity:  $\geq 96\%$   
 Lot #: C2125064  
 SKU #: **B104571**  
 Version: **0**  
 Analysis #: **412901**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                               | Limit Values                     | Result                           |
|-----------------------------------------|----------------------------------|----------------------------------|
| Density (20°C)                          | 1.379-1.383                      | 1.38000                          |
| Refractive index n <sub>20</sub> /D     | 1.55-1.553                       | 1.55100                          |
| Purity(Titration by AgNO <sub>3</sub> ) | 95.5-104.5 (%)                   | 96.10000 %                       |
| Purity(GC)                              | 96-100 (%)                       | 96.10000 %                       |
| Appearance (B104571)                    | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Infrared spectrum                       | Conforms to Structure            | Conforms to Structure            |



John Su  
QA & QC Manager