

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-20 13:54:22  
Date of Next Testing: 2027-05-20 13:54:22  
Product Name: **Ethyl Benzenesulfonate**  
CAS Number: 515-46-8  
Specifications & Purity:  $\geq 97\%$ (GC)  
Lot #: H2309260  
SKU #: **E133864**  
Version: **0**  
Analysis #: **511208**  
Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                           | Limit Values                        | Result                              |
|-------------------------------------|-------------------------------------|-------------------------------------|
| Purity(GC)                          | 97-100 (%)                          | 98.50 %                             |
| Purity(Ester Value)                 | 97-100 (%)                          | 98.80 %                             |
| Density (20°C)                      | 1.218-1.22                          | 1.22                                |
| Refractive index n <sub>20</sub> /D | 1.509-1.511                         | 1.51                                |
| Appearance (E133864)                | colorless to yellow to brown liquid | colorless to yellow to brown liquid |
| Proton NMR spectrum                 | Conforms to Structure               | Conforms to Structure               |



John Su  
QA & QC Manager