

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2025-07-04 15:10:06

Date of Next Testing: 2029-07-03 15:10:06

Product Name: **Benzenesulfonic acid (BSA)**

CAS Number: 98-11-3

Specifications & Purity:  $\geq 99\%$ (HPLC),  $\geq 98\%$ (T)

Lot #: F2519013

SKU #: **B638546**

Version: **2**

Analysis #: **537105**

Storage Temperature: Room temperature, Argon charged

| Parameter                  | Limit Values                                       | Result                                             |
|----------------------------|----------------------------------------------------|----------------------------------------------------|
| Purity (Titration by NaOH) | 97.5-102.5 (%)                                     | 99.25000 %                                         |
| Purity(HPLC area)          | 99-100 (%)                                         | 99.59500 %                                         |
| Sulfate(SO42-)             | 0-5000 (ppm)                                       | 3000.00000 ppm                                     |
| Ignition Residue           | 0-0.2 (%)                                          | 0.00210 %                                          |
| Water by Karl Fischer      | 0-1 (%)                                            | 0.77940 %                                          |
| Infrared spectrum          | Conforms to Structure                              | Conforms to Structure                              |
| NMR Spectrum 1H            | Conforms to structure                              | Conforms to Structure                              |
| Appearance(B638546)        | White to off-white to faintly beige power or lumps | White to off-white to faintly beige power or lumps |



John Su  
QA & QC Manager