

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-10-17 09:09:47

Date of Next Testing: 2027-10-16 09:09:47

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

CAS Number: 98-11-3

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

Lot #: J2313366

SKU #: **B638546**

Version: **2**

Analysis #: **283265**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity (Titration by NaOH)	97.5-102.5 (%)	99.45000 %
Ignition Residue	0-0.2 (%)	0.05635 %
Water by Karl Fischer	0-1 (%)	0.10360 %
Purity(HPLC area)	98-100 (%)	99.10400 %
Sulfate(SO ₄ ²⁻)	0-5000 (ppm)	2842.00000 ppm
NMR Spectrum 1H	Conforms to structure	Conforms to Structure
Appearance(B638546)	White to Off-white Powder or Lumps	White to Off-white Powder or Lumps
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager