

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-15 15:19:04
Date of Next Testing: 2026-12-14 15:19:04
Product Name: **1,3-Propanedisulfonic acid disodium salt**
CAS Number: 36589-58-9
Specifications & Purity: >97.0%(T)
Lot #: L2212359
SKU #: **D154554**
Analysis: **168943**

| Parameter | Limit Values | Result |
|--------------------------------|-----------------------|-----------------------|
| Purity(Ion exchange titration) | 96.5-103.5 (%) | 97.02% |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |

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

John Su
QA & QC Manager