



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-16 11:44:05

Date of Next Testing: 2025-05-05 11:44:05

Product Name: **Sulfuric acid-d2 solution**

CAS Number: 13813-19-9

Specifications & Purity:  $\geq 99.5$  atom% D, 96% IN D2O

Lot #: E2304445

SKU #: **S102269**

Version: **0**

Analysis #: **098578**

Storage Temperature: Protected from light, Room temperature, Argon charged

| Parameter                  | Limit Values     | Result           |
|----------------------------|------------------|------------------|
| Proton NMR (Atom % D)      | 99.5-100 (atom%) | 99.50000 atom%   |
| Purity (Titration by NaOH) | 95.5-104.5 (%)   | 96.50000 %       |
| Appearance (S102269)       | Colorless Liquid | Colorless liquid |
| NMR (1H-NMR)               | complies         | complies         |

John Su  
QA & QC Manager