

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-11-26 14:13:58
Date of Next Testing: 2026-11-25 14:13:58
Product Name: **4-Nitrobenzenesulfonamide**
CAS Number: 6325-93-5
Specifications & Purity: 98%
Lot #: K2222573
SKU #: N122539
Analysis: 148389

| Parameter | Limit Values | Result |
|---|---------------------------------|---------------------------------|
| Nitrogen by Elemental Analysis | 13.4-14.3 (%) | 13.86% |
| Purity(HPLC) | 98-100 (%) | 99.87600% |
| Purity(Neutralization titration) | 97.5-102.5 (%) | 99.99% |
| Carbon by Elemental Analysis | 34.4-36.9 (%) | 35.59% |
| Melting point | 180-184 (°C) | 182.90000 °C |
| Appearance (N122539) | White to Tan Powder or Crystals | White to Tan Powder or Crystals |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |
| Solubility,Colorless to Light Yellow Clear 25mg/ml,Acetone | pass | Pass |



John Su
QA & QC Manager