

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-03-27 09:19:55
Date of Next Testing: 2026-03-27 09:19:55
Product Name: **1,3-Phenylenediamine-4-sulfonic Acid**
CAS Number: 88-63-1
Specifications & Purity: >98.0%
Lot #: C2406021
SKU #: **P160100**
Analysis: **119367**

| Parameter | Limit Values | Result |
|----------------------------------|--|--|
| Purity(Neutralization titration) | 98-100 (%) | 98.10% |
| Melting point | 260-266 (°C) | 265.57000 °C |
| Appearance (P160100) | white to yellow to gray to brown powder,crystals | white to yellow to gray to brown powder,crystals |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager