

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-05-26 17:22:22  
Date of Next Testing: 2024-05-25 17:22:22  
Product Name: **1,3-Phenylenediamine-4-sulfonic Acid**  
CAS Number: 88-63-1  
Specifications & Purity: >98.0%  
Lot #: E2224222  
SKU #: **P160100**  
Analysis: **092010**

Parameter	Limit Values	Result
Melting point	260-266 (°C)	262.69000 °C
Purity(Neutralization titration)	98-100 (%)	98.06 %
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