

Certificate of Analysis

Date of Testing: 2023-05-12 15:04:40
Date of Next Testing: 2025-05-11 15:04:40
Product Name: **1,3-Phenylenediamine-4-sulfonic Acid**
CAS Number: 88-63-1
Specifications & Purity: >98.0%
Lot #: H2112271
SKU #: **P160100**
Analysis: **222835**

| 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