

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-21 10:34:26
Date of Next Testing: 2027-11-20 10:34:26
Product Name: **1,4-Phenylenediphosphonic Acid**
CAS Number: 880-68-2
Specifications & Purity: 98%
Lot #: K2314646
SKU #: **P160737**
Analysis: **287957**
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|-------------------------|---|---|
| Purity(HPLC area) | 98-100 (%) | 98.01 % |
| NMR Spectrum 1H | Conforms to Structure | Conforms to Structure |
| Phosphorus NMR spectrum | conforms to structure | Conforms to Structure |
| Appearance(P160737) | White to Almost white powder to crystal | White to Almost white powder to crystal |



John Su
QA & QC Manager