

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-11-21 10:20:34  
Date of Next Testing: 2027-11-20 10:20:34  
Product Name: **1,4-Phenylenediphosphonic Acid**  
CAS Number: 880-68-2  
Specifications & Purity: 98%  
Lot #: K2314644  
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