

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-11-05 10:53:48  
Date of Next Testing: 2025-11-04 10:53:48  
Product Name: **Phosphonoacetic acid**  
CAS Number: 4408-78-0  
Specifications & Purity:  $\geq 97\%$   
Lot #: K2203533  
SKU #: **P344747**  
Version: **1**  
Analysis #: **109261**  
Storage Temperature: Room temperature

| Parameter                  | Limit Values   | Result   |
|----------------------------|--|--|
| Purity (Titration by NaOH) | 96.5-103.5 (%)   | 97.72%   |
| Proton NMR spectrum        | Conforms to structure  | Conforms to Structure  |
| Appearance(P344747)        | White to Off-White Crystals or powder or crystalline powder or solid | White to Off-White Crystals or powder or crystalline powder or solid |



John Su  
QA & QC Manager