

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-24 14:48:57  
Date of Next Testing: 2027-05-23 14:48:57  
Product Name: **1,2-Ethylenediphosphonic Acid**  
CAS Number: 6145-31-9  
Specifications & Purity: >97.0%(T)  
Lot #: E23171109  
SKU #: **E156032**  
**Analysis:** **227764**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Neutralization titration)	96.5-103.5 (%)	102.51 %
Melting point	216-221 (°C)	220.79000 °C
Appearance (E156032)	White to Almost white powder to crystal	White to Almost white powder to crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Phosphorus NMR Spectra	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager