

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-12 09:29:43
Date of Next Testing: 2026-09-12 09:29:43
Product Name: **Methylenediphosphonic acid**
CAS Number: 1984-15-2
Specifications & Purity: $\geq 97\%$
Lot #: I2404516
SKU #: **M132702**
Version: **0**
Analysis #: **404235**
Storage Temperature: Store at -20°C

| Parameter | Limit Values | Result |
|----------------------------------|---|---|
| Melting point | 197-207 ($^{\circ}\text{C}$) | 203.32000 $^{\circ}\text{C}$ |
| Purity(Neutralization titration) | 97-103 (%) | 97.47 % |
| Appearance (M132702) | White to Yellow to Green Powder, Crystals or Chunks | White to Yellow to Green Powder, Crystals or Chunks |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager