

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-06 15:29:20

Date of Next Testing: 2027-01-06 15:29:20

Product Name: **Methylenediphosphonic acid**

CAS Number: 1984-15-2

Specifications & Purity: $\geq 97\%$

Lot #: A2503678

SKU #: **M132702**

Version: **0**

Analysis #: **452634**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Melting point	197-207 ($^{\circ}\text{C}$)	206.98000 $^{\circ}\text{C}$
Purity(Neutralization titration)	97-103 (%)	98.46 %
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

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager