

Certificate of Analysis

Date of Testing: 2022-02-21 17:30:54
Date of Next Testing: 2024-02-21 17:30:54
Product Name: **Methylenediphosphonic acid**
CAS Number: 1984-15-2
Specifications & Purity: $\geq 97\%$
Lot #: D2009044
SKU #: **M132702**
Analysis: **076278**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Melting point	197-207 ($^{\circ}\text{C}$)	202.08000 $^{\circ}\text{C}$
Purity(Neutralization titration)	97-103 (%)	99.65 %
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