

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-02-13 09:34:00

Date of Next Testing: 2027-02-03 09:34:00

Product Name: **Diethylenetriaminepentakis(methylphosphonic acid) (DTPMP)**

CAS Number: 15827-60-8

Specifications & Purity: 50% in water

Lot #: B2511444

SKU #: **D115349**

Version: **2**

Analysis #: **465226**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
phosphorous acid	0-3 (%)	0.00000 %
Density (20°C)	1.35-1.45 (g/ml)	1.41720 g/ml
Iron(Fe)	0-35 (ppm)	0.00000 ppm
Water by Karl Fischer	30-40 (%)	33.05040 %
Chloride (Cl-)	12-17 (%)	16.26000 %
Purity (Titration by NaOH)	45-55(%)	50.50000 %
PH(1% in H2O)	0-2	1.41000
Appearance (D115349)	Yellow to Very Dark Yellow and Brown-Yellow to Very Dark Brown-Yellow and Brown to Very Dark Brown Liquid or Viscous Liquid	Yellow to Very Dark Yellow and Brown-Yellow to Very Dark Brown-Yellow and Brown to Very Dark Brown Liquid or Viscous Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager