

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-05 18:58:18

Date of Next Testing: 2026-08-26 18:58:18

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

CAS Number: 15827-60-8

Specifications & Purity: 50% in water

Lot #: H2429469

SKU #: **D115349**

Version: **2**

Analysis #: **386030**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	30-40 (%)	36.73220 %
Purity (Titration by NaOH)	45-55(%)	50.51000 %
phosphorous acid	0-3 (%)	2.51000 %
Density (20°C)	1.35-1.45 (g/ml)	1.38191 g/ml
Iron(Fe)	0-35 (ppm)	3.00000 ppm
Chloride (Cl-)	12-17 (%)	13.49000 %
PH(1% in H2O)	0-2	1.40000
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