

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-10 17:00:13

Date of Next Testing: 2027-06-09 17:00:13

Product Name: **Tetraethyl Ethylenediphosphonate**

CAS Number: 995-32-4

Specifications & Purity: >98.0%(GC)

Lot #: F23021052

SKU #: **T161845**

Analysis: **224808**

Parameter	Limit Values	Result
Density (20°C)	1.134-1.138	1.14
Refractive index n ₂₀ /D	1.439-1.443	1.44
Purity(GC)	98-100 (%)	99.66 %
Appearance (T161845)	Colorless to light yellow liquid	Colorless to light yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager