

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-08-05 10:15:08  
Date of Next Testing: 2026-08-04 10:15:08  
Product Name: **Triethyl phosphate**  
CAS Number: 78-40-0  
Specifications & Purity:  $\geq 99.5\%$   
Lot #: H2201042  
SKU #: **T103503**  
Version: **0**  
Analysis #: **113353**  
Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.404-1.407	1.40570
Chloride (Cl <sup>-</sup> )	0-1 (ppm)	0.55000 ppm
Purity(GC)	99.5-100 (%)	99.70300 %
Water by Karl Fischer	0-0.05 (%)	0.04400 %
Impurity (Phosphoric Acid)	0-0.004 (%)	0.00000 %
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-5 (ppm)	2.65000 ppm
Total Alcohol Content	0-100 (ppm)	99.00000 ppm
Density (20°C)	1.07-1.072	1.07200
Appearance (T103503)	Colorless liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager