

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-10-22 17:09:26  
 Date of Next Testing: 2028-10-21 17:09:26  
 Product Name: **Triethyl phosphate**  
 CAS Number: 78-40-0  
 Specifications & Purity:  $\geq 99.5\%$   
 Lot #: J2422002  
 SKU #: **T103503**  
 Version: **0**  
 Analysis #: **420790**  
 Storage Temperature: Room temperature, Desiccated, Cool

| Parameter                                | Limit Values          | Result                |
|------------------------------------------|-----------------------|-----------------------|
| Refractive index n <sub>20</sub> /D      | 1.404-1.407           | 1.40550               |
| Chloride (Cl <sup>-</sup> )              | 0-1 (ppm)             | 0.32500 ppm           |
| Purity (GC)                              | 99.5-100 (%)          | 99.84300 %            |
| Density (20°C)                           | 1.07-1.072            | 1.07050               |
| Water by Karl Fischer                    | 0-0.05 (%)            | 0.01170 %             |
| Impurity (Phosphoric Acid)               | 0-0.004 (%)           | 0.00000 %             |
| Sulfate (SO <sub>4</sub> <sup>2-</sup> ) | 0-5 (ppm)             | 0.02400 ppm           |
| Total Alcohol Content                    | 0-100 (ppm)           | 0.00000 ppm           |
| Appearance (T103503)                     | Colorless liquid      | Colorless liquid      |
| Infrared spectrum                        | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager