

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-04-28 16:34:55

Date of Next Testing: 2028-04-27 16:34:55

Product Name: **Triethyl phosphate**

CAS Number: 78-40-0

Specifications & Purity:  $\geq 99.5\%$

Lot #: D2422063

SKU #: **T103503**

Version: **0**

Analysis #: **352131**

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)             | 0.31000 ppm           |
| Purity(GC)                              | 99.5-100 (%)          | 99.51000 %            |
| Density (20°C)                          | 1.07-1.072            | 1.07100               |
| Water by Karl Fischer                   | 0-0.05 (%)            | 0.00460 %             |
| Impurity (Phosphoric Acid)              | 0-0.004 (%)           | 0.00200 %             |
| Sulfate(SO <sub>4</sub> <sup>2-</sup> ) | 0-5 (ppm)             | 1.20000 ppm           |
| Total Alcohol Content                   | 0-100 (ppm)           | 50.00000 ppm          |
| Appearance (T103503)                    | Colorless liquid      | Colorless liquid      |
| Infrared spectrum                       | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager