



CERTIFICATE OF ANALYSIS

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1. Identification

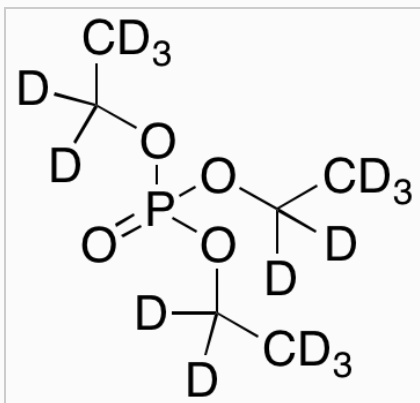
Catalogue Number: T776952

CAS Number: 135942-11-9

Product: Triethyl Phosphate-d15

Synonym: Phosphoric Acid Triethyl Ester; Ethyl Phosphate; Fyrol TEP; Levagard TEP; Levagard TEP-Z; NSC 2677; TEP; Triethoxyphosphine Oxide

Structure:



Molecular Formula:

$C_6D_{15}O_4P$

Molecular weight:

197.25

Source of Product:

N/A

Solubility:

Acetone (Slightly)

Lot Number: 1-DRJ-6-1

Purity: 97%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Colourless to Pale Yellow Oil	Clear Colourless Oil
NMR	Conforms to Structure	Conforms
P NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
GC	Report Result	100.00%
Isotopic Purity	>95%	99.0%

Additional Information:

Normalized Intensity: d0 = 0.00%, d1 = 0.00%, d2 = 0.00%, d3 = 0.00%, d4 = 0.02%, d5 = 0.00%, d6 = 0.00%, d7 = 0.00%, d8 = 0.00%, d9 = 0.00%, d10 = 0.00%, d11 = 0.02%, d12 = 0.25%, d13 = 2.65%, d14 = 8.72%, d15 = 88.34%

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Evan Burns	Toni Rantanen	Chanell Chu	3/14/2022	3/12/2026

