



CERTIFICATE OF ANALYSIS

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1. Identification

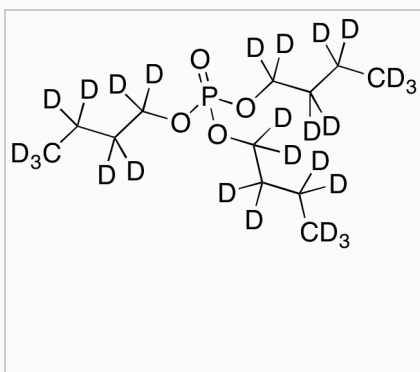
Catalogue Number: P359447

CAS Number: 61196-26-7

Product: Phosphoric Acid Tributyl Ester-d27

Synonym: Butyl phosphate-d27; Calloway 6814-d27; Celluphos 4-d27; Degressal SD 40-d27; Disflamoll TB-d27; Moussex 941PL-d27; NSC 8484-d27; Phosflex 4-d27; Phosphoric acid Tributyl Ester-d27; TBP-d27; TBPA-d27; Tri-n-butyl Phosphate-d27; Tributoxyphosphine oxide-d27; Tributyl Phosphate-d27

Structure:



Molecular Formula:

$C_{12}D_{27}O_4P$

Molecular weight:

293.48

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 3-ASA-123-1

Purity: 98%

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

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Colourless Oil	Clear Colourless Oil
NMR	Conforms to Structure	Conforms
P NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 49.32, %H: 9.59
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	98.4% (d0 = 0.00%)
GC	Report Result	99.95%

Additional Information: N/A

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

Meenakshi Sharma



Reviewed By

Toni Rantanen



C of A Approved By

Chanell Chu



Test Date

2/7/2022

Retest Date

2/5/2026