



## 1. Identification

Catalogue Number

D429520

Lot Number

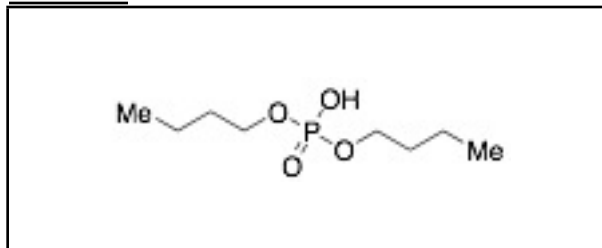
712188163-2-1

Product Name

Dibutyl Phosphate

Synonyms

Butyl phosphate, (BuO)<sub>2</sub>(HO)PO; DBP; DP 4; DP 4 (coupling agent); Di-n-Butyl Phosphate; Dibutyl Acid Phosphate; Dibutyl Hydrogen Phosphate; Dibutyl Phosphate; HDBP; NSC 203039; NSC 22313; Phosphoric Acid, Dibutyl Ester

StructureCAS Number

107-66-4

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular FormulaC<sub>8</sub>H<sub>19</sub>O<sub>4</sub>PSource of Product

N/A

Long Term Storage Conditions

4°C, Inert atmosphere

Molecular Weight

210.21

Purity

&gt;95%

## 2. Warnings

Not Determined

## 3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Colourless Oil	Clear Colourless Oil
NMR	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms
P NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 45.21, %H: 9.13
HPLC Purity	>95%	99.67% (ELSD)
MS	Conforms to Structure	Conforms

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 ± 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

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
			5/11/2025	5/9/2029
Vijaya Annapareddy Product Quality Specialist	Toni Rantanen Manager, Quality Assurance	Chanell Chu Quality Assurance Associate		