



CERTIFICATE OF ANALYSIS

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1. Identification

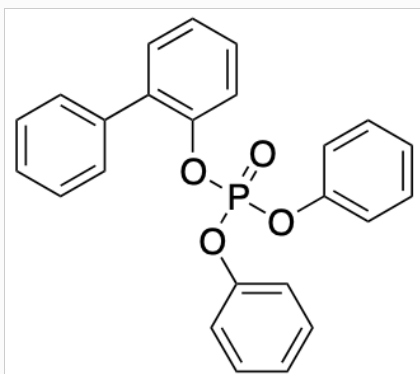
Catalogue Number: B522613

CAS Number: 132-29-6

Product: 2-Biphenyl diphenyl phosphate

Synonym: Diphenyl mono-o-xenyl phosphate; Diphenyl o-biphenyl phosphate; Dow 5; Dow Plasticizer 5; NSC 2889; o-Phenylphenyl bisphenyl phosphate; o-Phenylphenyl diphenyl phosphate; o-Xenyl diphenyl phosphate

Structure:



Molecular Formula:

C₂₄H₁₉O₄P

Molecular weight:

402.38

Source of Product:

N/A

Solubility:

Acetone (Slightly), DMSO (Slightly), Methanol (Slightly)

Lot Number: 19-SBL-31-1

Purity: 98%

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	White to Off-White Solid	Whitw to Off-White Solid
NMR	Conforms to Structure	Conforms
P NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 71.80, %H: 4.80, %N: 0.17
HPLC Purity	Report Result	99.94% (210 nm)

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

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Evan Burns	Toni Rantanen	Chanell Chu	10/5/2021	10/3/2025