



## CERTIFICATE OF ANALYSIS

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### 1. Identification

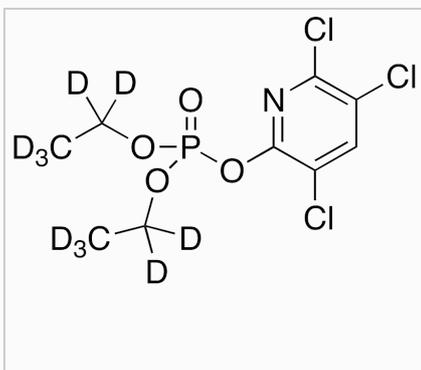
**Catalogue Number:** C425322

**CAS Number:** 1794779-85-3

**Product:** Chlorpyrifos Oxon-d10

**Synonym:** Phosphoric Acid (Diethyl-d10) 3,5,6-Trichloro-2-pyridinyl Ester; 6-Trichloro-2-pyridyl (Diethyl-d10) Phosphate; Chlorpyrifos Oxon-d10; Chlorpyrifos(ethyl-d10) Oxon; Chlorpyriphoxon-d10; (Diethyl-d10) 3,5,6-Trichloro-2-pyridyl Phosphate; Dursban-d10 Oxygen Analog; Dursbanoxon-d10; Fospirate (ethyl-d10); O,O-(Diethyl-d10) O-3,5,6-Trichloro-2-pyridyl Phosphate; O-(3,5,6-Trichloro-2-pyridinyl) O,O-(Diethyl-d10) Phosphate;

**Structure:**



**Molecular Formula:**

C<sub>9</sub>HD<sub>10</sub>Cl<sub>3</sub>NO<sub>4</sub>P

**Molecular weight:**

344.58

**Source of Product:**

Synthetic

**Solubility:**

Chloroform (Slightly),  
Methanol (Slightly)

**Lot Number:** 5-VEK-34-1

**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	Off-White Low-Melting Solid	Off-White Low-Melting Solid
NMR	Conforms to Structure	Conforms
P NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 31.57, %H: 3.21, %N: 4.07
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	99.9% (d0 = 0.00%)

**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**

Meenakshi Sharma



**Reviewed By**

Toni Rantanen



**C of A Approved  
By**

Chanell Chu



**Test Date**

2/22/2022

**Retest Date**

2/20/2026