



CERTIFICATE OF ANALYSIS

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1. Identification

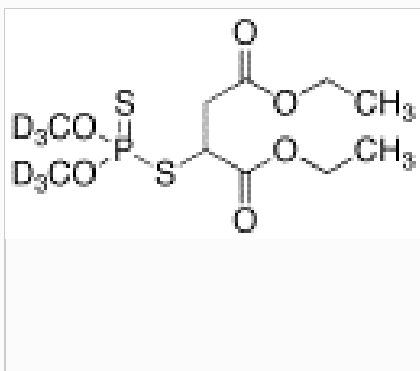
Catalogue Number: M111002

CAS Number: 1189877-72-2

Product: Malathion-d6

Synonym: [(Dimethoxy-d6-phosphinothioyl)thio]butanedioic Acid Diethyl Ester; Carbofos-d6; Malathon-d6; Mercaptothion-d6; Phosphothion-d6; Cythion-d6;

Structure:



Molecular Formula:

C₁₀H₁₃D₆O₆PS₂

Molecular weight:

336.39

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly), Ethyl Acetate (Slightly)

Lot Number: 17-JWA-73-1

Purity: 93%

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 Light Yellow Oil	Clear Colourless Oil
Isotopic Purity	>95%	97.2% (d0 = 0.00%)
NMR	Conforms to Structure	Conforms
P NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	93.37% (215 nm)
MS	Conforms to Structure	Conforms

Additional Information: Contains: ~1.2% Dichloromethane

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
Meenakshi Sharma	Toni Rantanen	Chanell Chu	11/4/2021	11/2/2025