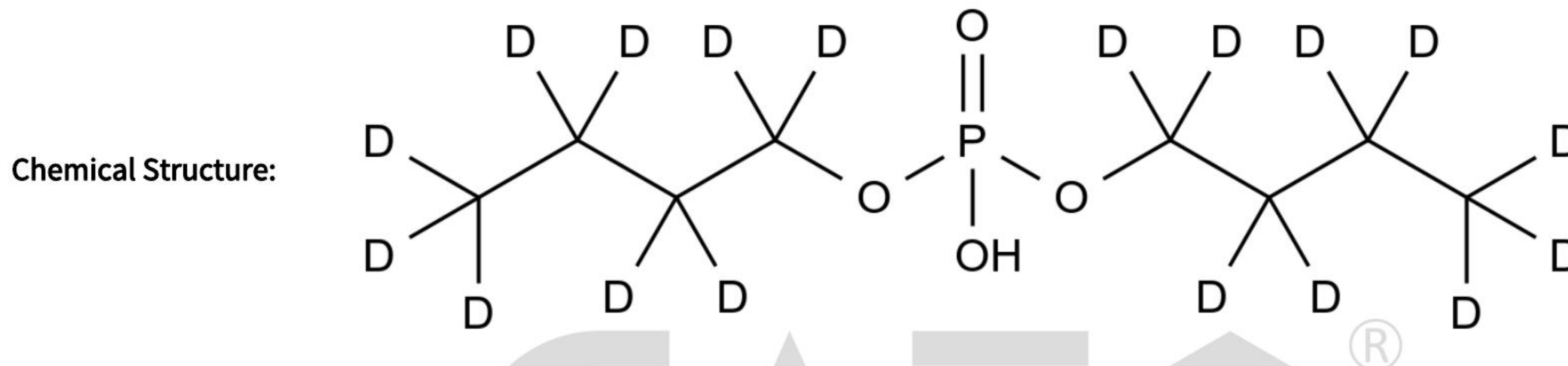


Certificate of Analysis

Reference Material

Product Name:	Dibutyl Phosphate-d18	Catalogue Number:	CCHM703734
Chemical Name:	N/A	Lot Number:	0906-RE-0040
CAS Number:	156213-21-7	Expiry Date:	Apr 27, 2027
Molecular Formula:	C ₈ HD ₁₈ O ₄ P	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	228.32		



Test Items	Method	Results
Appearance	Visual inspection	Clear Colourless Oil
Identification	LCMS&PNMR&HNMR	Confirmed
Chemical Purity	HPLC	98.4%
Isotopic Purity		99.4%
Uncertainty		±2.0%

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Lisa

Reviewed by:

Hinlam

Aporoved by General manager:

David

Date: Apr 28, 2023

Date: Sep 07, 2023

Date: Sep 07, 2023

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