CATO Research Chemicals Inc.

Make the Tests More Accurate

ISO 17034 : 2016 | ISO 9001 : 2015

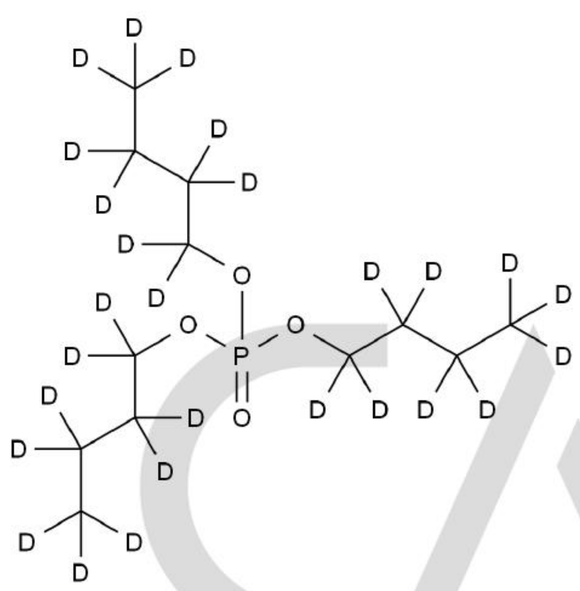
No.: 202403190017

Certificate of Analysis

Reference Material & Standard

Product Name:	Tri-n-butyl-d27 Phosphate	**Catalogue Number:**	CCHM701612
Synonyms:	N/A	**Lot Number:**	0509-RF-0048
CAS Number:	61196-26-7	**Expiry Date:**	Feb 15, 2028
Molecular Formula:	C12D27O4P	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	293.48	**Warning:**	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Clear Colourless Oil
Identification	HNMR	Confirmed
Chemical Purity	GC	98.2%
Isotopic Purity		99.2%
Uncertainty		±2.0%

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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 Date: May 14, 2024

Reviewed by: Hinlam Date: May 14, 2024

Aporoved by General Manager: David Date: May 14, 2024

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