

Certificate of Analysis

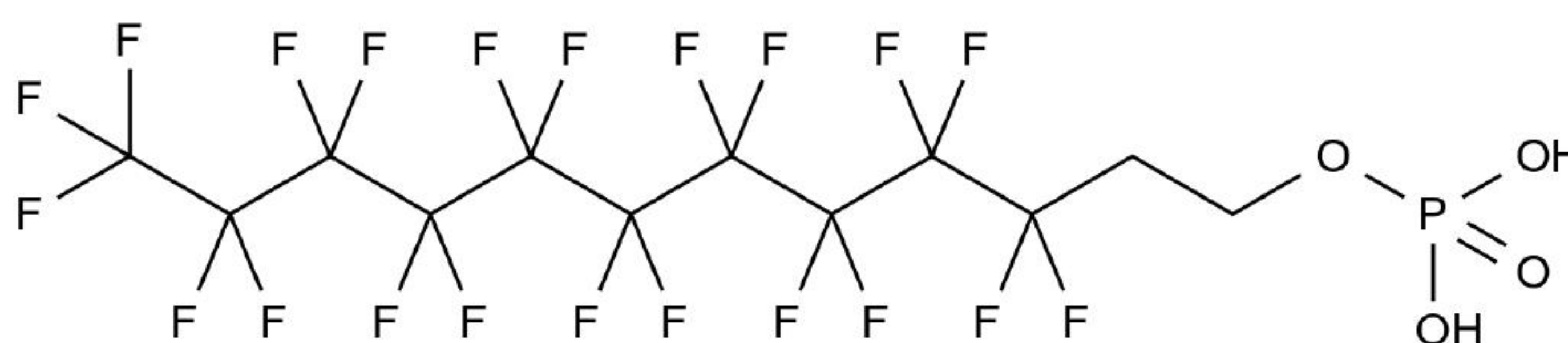
Reference Material & Standard

Product Name:	3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-henicosafuorododecyl dihydrogen phosphate	Catalogue Number:	C1921922
Synonyms:	N/A	Lot Number:	0525-RH-0057
CAS Number:	57678-05-4	Expiry Date:	May 14, 2030
Molecular Formula:	C ₁₂ H ₆ F ₂₁ O ₄ P	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	644.11	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	99.5%
Uncertainty		±0.1%

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

Approved by General Manager:

David

Date: May 25, 2026

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Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

