

Certificate of Analysis

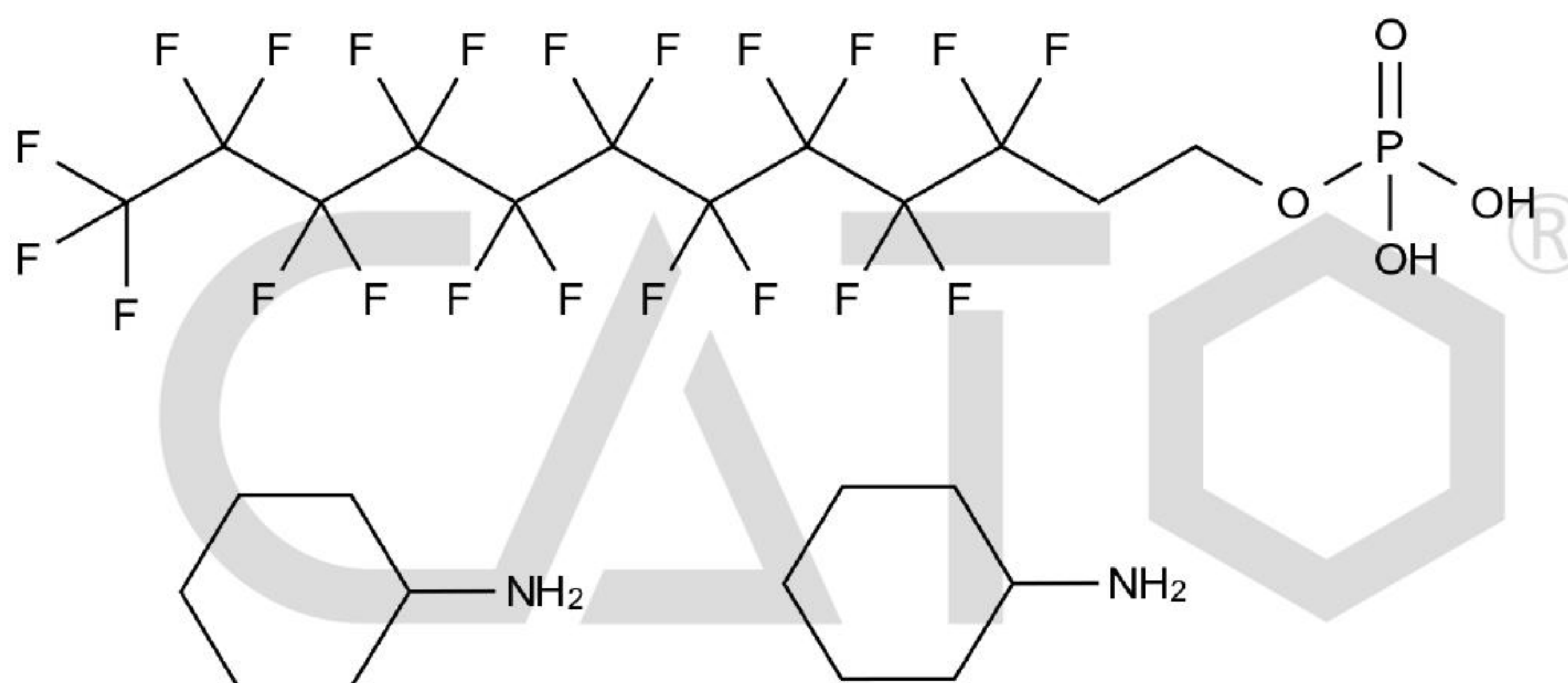
Reference Material & Standard

Product Name:	Mono[2-(perfluorodecyl)ethyl] phosphate dicyclohexylamine	Catalogue Number:	CCEM501867
Synonyms:	N/A	Lot Number:	0410-RH-0085
CAS Number:	57678-05-4(Free acid)	Expiry Date:	Apr 14, 2030
Molecular Formula:	C ₁₂ H ₆ F ₂₁ O ₄ P 2*C ₆ H ₁₃ N	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	644.11 2*99.17	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	99.6%
Assay(Free Base)	qNMR	68.5%
Uncertainty		±4.3%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Apr 15, 2026

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