

Certificate of Analysis

Reference Material & Standard

Product Name:	Phosphoric acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10, 11,11,12,12,12- heneicosafuorododecyl 3,3,4,4, 5,5,6,6,7,7,8,8,9,9,10,10,10- heptadecafluorodecyl 3,3,4,4,5,5,6,6,7,7,8,8,8- tridecafluorooctyl ester	Catalogue Number:	C200410
Synonyms:	N/A	Lot Number:	0221-SA-7246
CAS Number:	1578186-64-7	Expiry Date:	Feb 20, 30
Molecular Formula:	N/A	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	N/A		

Warning:



Chemical Structure: N/A

Test Items	Method	Results
Appearance	Visual inspection	Solid
Identification:	LC&HNMR	Confirmed
Purity:	HPLC	97.756%
Uncertainty		±2.0%

Comment:

CATO Research Chemicals Inc.

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:

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Reviewed by:

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Approved by General Manager:

David

Date: Feb 21, 26

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Directions:

1. *Intended use: This product is suitable for identification and quantification of the analyte(s), instrument calibration, method development and quality control in analytical and R&D applications. It is not intended for administration to humans or animals, and shall not be used to diagnose, treat or cure any diseases.*
2. *Minimum sample size: 1mg is recommended as the minimum sample size.*
3. *Metrological traceability: This product meets the requirements of ISO 17034 and is traceable to NMI through an unbroken chain of comparisons.*
4. *Instructions for handling and correct use: Handling in a well-ventilated place.*

Document Version:

Revision No.	Date	Reason for Revision
01	Feb 21, 26	First release.

