

Certificate of Analysis

Reference Material & Standard

Product Name:	13 Organic Compound Mix Solution in Chloroform, 100µg/mL	Catalogue Number:	MCHM706198
Appearance:	Liquid	Lot Number:	0909-SA-7483
Solvent:	Chloroform	Storage:	2°C ~ 8°C Protected from light and Sealed
Expiry Date:	Sep 08, 28		

Chemical Structure:

Warning:



N/A

NO.	Component	CAS No.	Certified Concentration Value (100µg/mL)	Uncertainty (%)
1	1-Oleoyl-2-hydroxy-sn-glycero-3-phosphatidylethanolamine	89576-29-4	99.9	1.1
2	1-Pentadecanoyl-2-oleoyl-sn-glycero-3-phosphocholine	253127-55-8	100.2	1.1
3	N-Oleoyl sphingomyelin	108392-10-5	100.1	1.1
4	1-Pentadecanoyl-2-oleoyl-sn-glycero-3-phosphoethanolamine	2135440-13-8	99.8	1.1
5	1,3-Dipentadecanoyl-2-(9Z-octadecenoyl)glycerol	869990-13-6	99.9	1.1
6	1-Pentadecanoyl-2-oleoyl-sn-glycerol	67889-40-1	99.7	1.1
7	1-Pentadecanoyl-2-oleoyl-sn-glycerol-3-phospho-(1'-rac-glycerol) sodium salt	2410279-89-7	100.1	1.1
8	1-Pentadecanoyl-2-oleoyl-sn-glycero-3-phosphoinositol sodium salt	1052696-43-1 (Free acid)	100.4	1.1
9	1-Pentadecanoyl-2-oleoyl-sn-glycero-3-phospho-L-serine sodium salt	2410279-91-1	100.1	1.1
10	C15 Ceramide	67492-15-3	100.0	1.1
11	Cholesteryl oleate	303-43-5	99.6	1.1
12	1-Oleoyl-rac-glycerol	111-03-5	99.7	1.1

Signature:

Prepared by:

Lisa

Reviewed by:

Yuki

Approved by General Manager:

David

Date: Sep 09, 24

Date: Sep 09, 24

Date: Sep 09, 24



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>

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NO.	Component	CAS No.	Certified Concentration Value (100µg/mL)	Uncertainty (%)
13	1-Oleoyl-sn-glycero-3-phosphocholine	19420-56-5	99.9	1.1

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.

Directions:

1. General description: This product was dissolved in Chloroform and sub-packed in ampoule bottles. The outer packaging is plastic cylinder.
2. Characterization strategy: Certified reference materials were selected as raw materials. Characterization was based on the mass and volume of the components used in the preparation process. external standard method was used to verify the prepared value.
3. Metrological traceability: Through the use of raw materials with traceable purity values and tested/calibrated quality or volume measures, certified value results are ultimately traceable to SI basic units of mass kilogram (kg) and national statutory volume the unit of measurement liter (L).
4. 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.
5. Minimum sample size: For once use only.
6. Instructions for handling and correct use: Please shake thoroughly before use to ensure homogeneous.

Document Version:

Revision No.	Date	Reason for Revision
01	Sep 09, 24	First release.