CERTIFICATE of ANALYSIS

Polar Lipid Mixture (egg, ovine)

Item No.:	29374
Batch No.:	0701782
Expiry Date:	26AUG2029 (valid from date of certification)
Supplied as:	A mixture of polar lipids
Contents:	See table
Volume per Ampule:	Not less than 1 ml. Ampules are overfilled. It is advised that labs use measured volumes.
Storage & Handling:	Store upright and unopened at -20°C. Warm to room temperature prior to opening.

Description

Polar Lipid Mixture contains cholesterol, hydroxy- and non-hydroxy phosphatidylethanolamines, phosphatidylcholines, and lysophosphatidylcholines. It is intended for use as a reference standard for the detection of these polar lipids in various sample types by TLC, LC-, or GC-MS.

Quality Control Table

Elution Order	Item Name	Gravimetric Weight (g)	%Concentration by Weight
1	Cholesterol	0.12505	24.984
2	Phosphatidylethanolamine (egg)	0.12517	25.008
3	Lecithin (egg)	0.12518	25.010
4	Lyso-lecithin (egg)	0.12512	24.998
Total Weight		0.50052	

Approval:

Certification Date:19DEC2022

Cayman Chemical certifies that this product meets the specifications stated in this certificate and warrants this product to meet the stated acceptance criteria through the expiry date when stored unopened as recommended.

CERTIFICATE of ANALYSIS

Revision History

Revision No.	Date	Reason for Revision
01	19DEC2022	Initial version
02	08FEB2024	Expiry update
03	20FEB2024	Expiry update
04	14OCT2026	Expiry update

Disclaimers

Material Safety Data

This material should be considered hazardous until information to the contrary becomes available. Do not ingest, swallow, or inhale. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. This information contains some but not all of the information required for the safe and proper use of this material. Before use, review the complete Material Safety Data Sheet, which has been sent *via* email to your institution.

Warranty and Limitation of Remedy

Cayman Chemical Company makes no warranty or guarantee of any kind, whether written or oral, expressed or implied, including without limitation, any warranty of fitness for a particular purpose, suitability and merchantability, which extends beyond the description of the chemicals hereof. Cayman warrants only to the original customer that the material will meet our specifications at the time of delivery.

Cayman will carry out its delivery obligations with due care and skill. Thus, in no event will Cayman have any obligation or liability, whether in tort (including negligence) or in contract, for any direct, indirect, incidental or consequential damages, even if Cayman is informed about their possible existence.

This limitation of liability does not apply in the case of intentional acts or negligence of Cayman, its directors or its employees.

Buyer's exclusive remedy and Cayman's sole liability hereunder shall be limited to a refund of the purchase price, or at Cayman's option, the replacement, at no cost to Buyer, of all material that does not meet our specification.

Said refund or replacement is conditioned on Buyer giving written notice to Cayman within thirty (30) days after arrival of the material at its destination. Failure of Buyer to give said notice within thirty (30) days shall constitute a waiver of Buyer of all claims hereunder with respect to said material.
For further details, please refer to our Warranty and Limitations of Remedy located on our website and in our catalog.

This Certificate shall not be reproduced except in full, without written approval from the Cayman Chemical Company.

CAYMAN CHEMICAL
1180 EAST ELLSWORTH RD
ANN ARBOR, MI 48108 · USA

PHONE: [800] 364-9897
[734] 971-3335
FAX: [734] 971-3640

techserv@caymanchem.com
www.caymanchem.com