

Certificate of Analysis

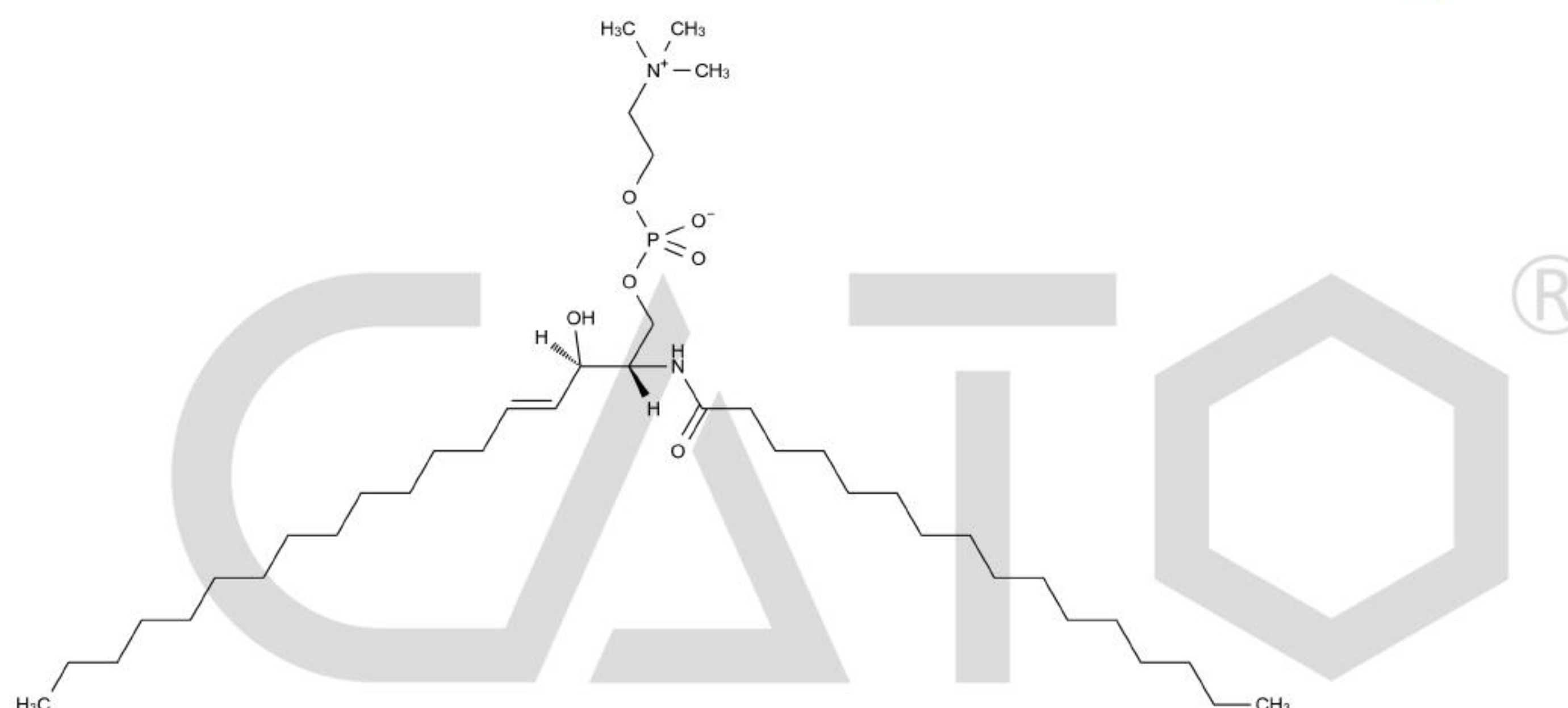
Reference Material & Standard

Product Name:	Sphingomyelin	Catalogue Number:	C1918312
Synonyms:	N/A	Lot Number:	0705-RH-0002
CAS Number:	383907-87-7	Expiry Date:	Jul 09, 2030
Molecular Formula:	C ₃₉ H ₇₉ N ₂ O ₆ P	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	703.03	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	99.04%
Loss on Drying	TGA	2.6924%
Assay		96.4%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss on Drying) * Purity ELSD (%) / 100%

Loss on Drying is considered as absolute effect, ELSD purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jul 27, 2026

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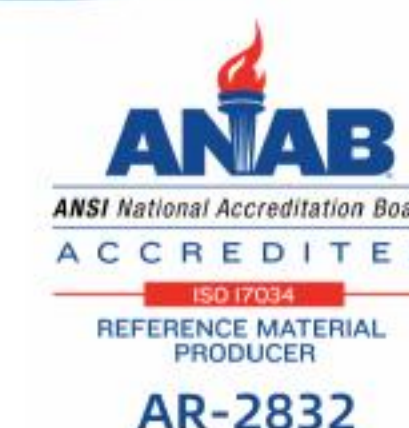
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