

Certificate of Analysis

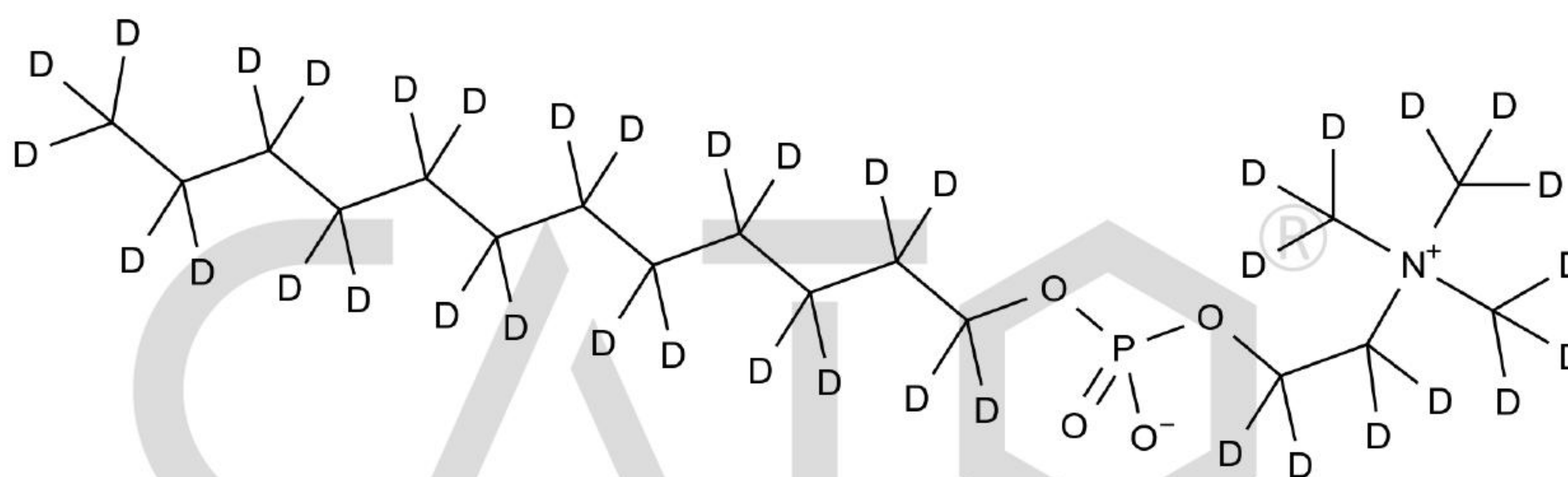
Reference Material & Standard

Product Name:	n-Dodecylphosphocholine-d38	Catalogue Number:	C1207266
Synonyms:	N/A	Lot Number:	0123-RH-0022
CAS Number:	130890-78-7	Expiry Date:	Jan 28, 2030
Molecular Formula:	C ₁₇ D ₃₈ NO ₄ P	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	389.70	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS	Confirmed
Chemical Purity	ELSD	99.41%
Isotopic Purity		98.9%
Loss On Drying	TGA	4.3320%
Assay		95.1%

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:

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Approved by General Manager:

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