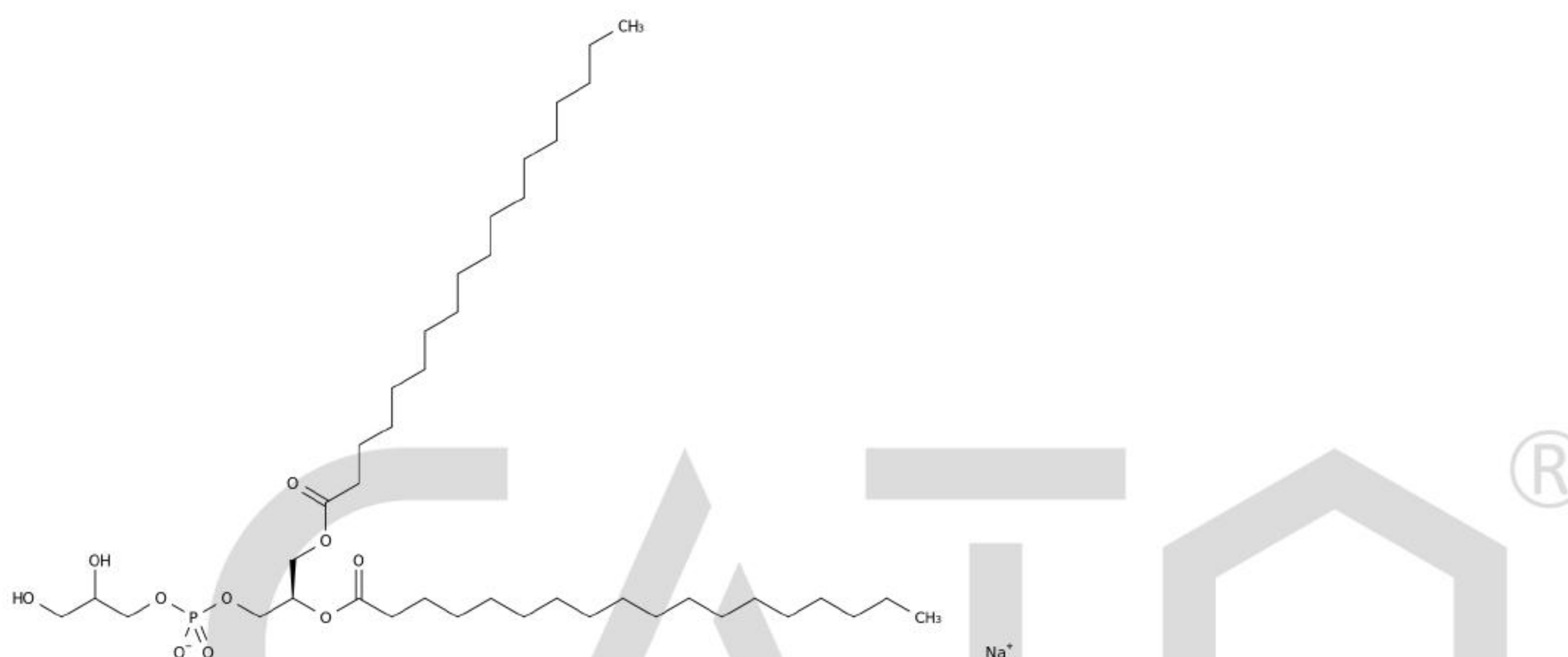


Certificate of Analysis

Reference Material & Standard

Product Name:	1,2-Distearoyl-sn-glycero-3-phospho-rac-(1-glycerol) Sodium Salt	Catalogue Number:	CCHM704585
Synonyms:	N/A	Lot Number:	0317-RG-0042
CAS Number:	200880-42-8	Expiry Date:	Mar 26, 2028
Molecular Formula:	C42H82O10P Na	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	778.07 22.99		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	99.673%
Water Content	Karl Fischer	5.4129%
Assay		94.3%
Uncertainty		±2.0%

Comment:

1. The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Water Content}) * \text{Purity ELSD (\%)} / 100\%$$

Water Content is considered as absolute effect, ELSD purity is considered as relative effect.

2. 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:

Nice

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Mar 27, 2025

Date: Mar 27, 2025

Date: Mar 27, 2025

