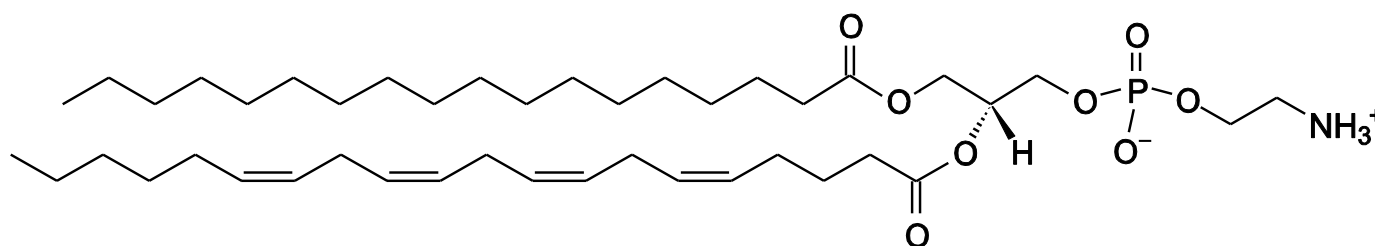


Research Certificate of Analysis

Heart PE

L- α -phosphatidylethanolamine (Heart, Bovine)

Molecular Weight:	Average MW: 763.968
Molecular Formula:	C ₄₃ H ₇₈ NO ₈ P
Storage:	-20°C
Shelf Life (Unopened):	3 Months
Physical Form:	Chloroform
Lot Number:	HPE-164t



Structure of predominant species

Product Specifications

Test	Limits	Results
UV/VIS Oxidation	Run and Report	234nm = 1.82% 268nm = 0.28% 278nm = 0.41%
TLC Analysis	>99%	>99%
Ninhydrin	Positive	Positive
Iodine	One Spot	One Spot
Phosphorus	Positive	Positive
Char	One Spot	One Spot

Approved By: _____

Reviewed By: _____