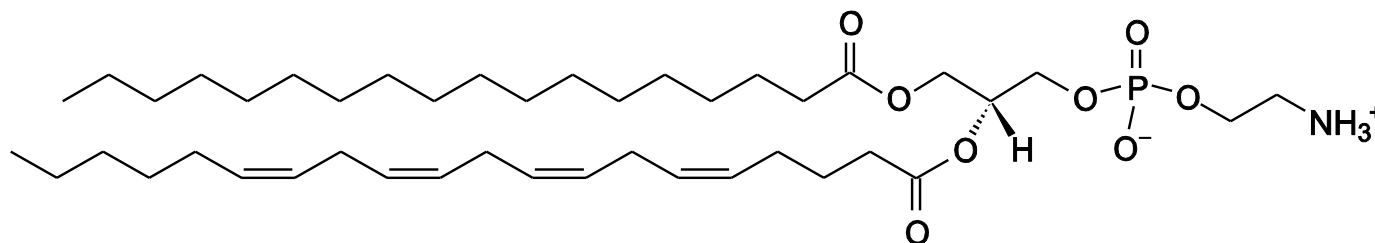


## Research Certificate of Analysis

Heart PE

L- $\alpha$ -phosphatidylethanolamine (Heart, Bovine)

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



Structure of predominant species

## Product Specifications

Test	Limits	Results
UV/VIS Oxidation	Run and Report	234nm = 1.64% 268nm = 0.27% 278nm = 0.40%
TLC Analysis	>99%	>99%
Ninhydrin	Positive	Positive
Iodine	One Spot	One Spot
Phosphorus	Positive	Positive
Char	One Spot	One Spot

Approved By: \_\_\_\_\_

Reviewed By: \_\_\_\_\_