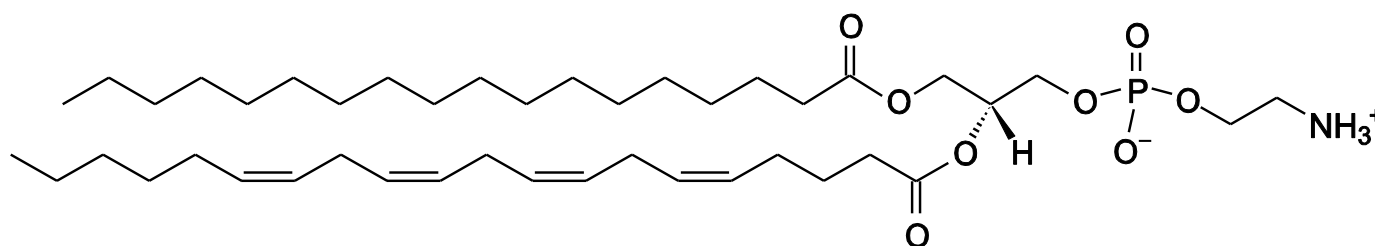


Research Certificate of Analysis

Heart PE

L- α -phosphatidylethanolamine (Heart, Bovine)

Molecular Weight: Average MW: 763.968
 Molecular Formula: C₄₃H₇₈NO₈P
 Storage: -20°C
 Shelf Life (Unopened): 3 Months
 Physical Form: Chloroform
 Lot Number: HPE-164s



Structure of predominant species

Product Specifications

Test	Limits	Results
UV/VIS Oxidation	Run and Report	234nm = 1.94% 268nm = 0.26% 278nm = 0.35%
TLC Analysis	>99%	>99%
Ninhydrin	Positive	Positive
Iodine	One Spot	One Spot
Phosphorus	Positive	Positive
Char	One Spot	One Spot

Approved By: _____

Reviewed By: _____