

Egg PC

L- α -phosphatidylcholine (Egg, Chicken)

840051P-1g

Page 1 of 1

Molecular Weight 770.123 (average) / 760.076 (predominant species)
Chemical Formula $C_{42}H_{82}NPO_8$ (predominant species)
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5508PQA633
Avanti Lot Number 840051P-1G-A-633

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
FAME (GC/FID)	Consistent with historical data Not specifications: 16:0 $\approx$ 34% 16:1 $\approx$ 2% 18:0 $\approx$ 11% 18:1 $\approx$ 32% 18:2 $\approx$ 18% 20:4 or 20:3 $\approx$ 3%	Consistent with historical data
UV Oxidation	NMT 5% total all wavelengths	2.96% total
Mass Spectroscopy	Consistent with historical data Predominantly $[M+H]^+ = 761.076 \pm 1\text{amu}$	761.0 amu
Proton NMR	NMR spectrum consistent with structure	Consistent with structure

Approved By:



For Research Use Only. Not For Human Use.