Hydro Soy PC
L-α-phosphatidylcholine, hydrogenated (Soy)
840058P-5g

Molecular Weight 783.774 (average based on fatty acid distribution in product)
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5513PWA038
Avanti Lot Number 840058P-5G-A-038

ANALYSIS     SPECIFICATION              RESULTS

Physical Examination  Powder: White solid which contains no foreign matter.  Pass

TLC            >99% Purity  All Pass
               Ninhydrin: negative
               Iodine: one major spot
               Phosphorus: positive
               Charring: negative
               Water dip: one major spot

UV Oxidation  NMT 5% total all wavelengths 0.04% total all wavelength

FAME (GC/FID) Consistent with historical data (not specifications):
               16:0 = ~11.4%
               18:0 = ~88.6%
               10.6% 16:0 (AUC)
               88.8% 18:0 (AUC)

Proton NMR    NMR spectrum consistent with structure Consistent with structure

Mass Spectroscopy  [M+H]+ = 791.0 ± 1 amu (predominant species)
                   [M+H]+ = 790.7 amu

Approved by: [Signature]