



OLBRACHT SERDARY RESEARCH LABORATORIES

66 Guided Court, Toronto, ON Canada M9V 4K6 TEL:(416)742-0774 FAX:(416)742-0784

SPECIFICATION SHEET

USER	FUNAKOSHI CO., LTD.	
NAME	Phospholipid Kit LPC LPE PI SM PS PC PE CL PA CB (Each 5mg lipid class separately packaged)	
Catalog No.	A-48	

Product Name (Source) Abbreviation	Physical Characteristic	Purity
A-28B L-3-Lysophosphatidylcholine (Bovine Liver), LPC synonym(s) L- α -Lysophosphatidylcholine, 1-acyl-2-Hydroxy-sn-Glycero-3-Phosphocholine, Lysolecithin	Powder MW 524 (Stearoyl Form) MF C ₂₆ H ₅₄ NO ₇ P Primarily Stearic acid (C18:0)	~99%
A-340 L-3-Lysophosphatidylethanolamine (Egg Yolk), LPE synonym(s) L- α -Lysophosphatidylethanolamine, 1-acyl-2-Hydroxy-sn-Glycero-3-Phosphoethanolamine, Lysocephalin	Powder MW 481 (Stearoyl Form) MF C ₂₃ H ₄₈ NO ₇ P Primarily Palmitic acid (C16:0) and Stearic acid (18:0)	~99%
A-392 L-3-Phosphatidylinositol, Ammonium Salt (Soybean), PI synonym(s) L- α -Phosphatidylinositol, 1,2-Diacyl-sn-glycero-3-phospho-[1-D-myo-inositol]	[1 mg/ml CHCl ₃] MW 876 (Linoleoyl Form) MF C ₄₅ H ₈₂ NO ₁₃ P Primarily Palmitic acid (C16:0) and Linoleic acid (C18:2)	>98%

Product Name (Source) Abbreviation	Physical Characteristic	Purity
A-401 Sphingomyelin (Bovine Heart), SM synonym(s) Ceramide-1-Phosphorylcholine, N-Acyl-D-sphingosine-1-phosphocholine	Powder MW 730 (Stearoyl Form) MF C ₄₁ H ₈₃ N ₂ O ₆ P Primarily Palmitic acid (C16:0), Stearic acid (18:0) and Oleic acid (C18:1)	~99%
A-36 L-3-Phosphatidylserine (Porcine Brain), PS synonym(s) L- α -Phosphatidylserine, 1,2-Diacyl-sn-glycero-3-phospho-L-serine	[1 mg/ml CHCl ₃] MW 814 (Stearoyl Form) MF C ₄₂ H ₈₁ NO ₁₀ PNa Primarily Stearic acid (C18:0) and Oleic acid (C18:1)	~99%
A-29B L-3-Phosphatidylcholine (Bovine Liver), PC synonym(s) L- α -Phosphatidylcholine, 1,2-Diacyl-sn-glycero-3-phosphocholine, Lecithin	[1 mg/ml CHCl ₃] MW 789 (Stearoyl Form) MF C ₄₄ H ₈₈ NO ₈ P Primarily Stearic acid (C18:0) and Oleic acid (C18:1)	~99%
A-34 L-3-Phosphatidylethanolamine (Egg Yolk), PE synonym(s) L- α -Phosphatidylethanolamine, 1,2-Diacyl-sn-glycero-3-phosphoethanolamine, Cephalin	[1 mg/ml CHCl ₃] MW 744 (Oleoyl Form) MF C ₄₁ H ₇₈ NO ₈ P Primarily Palmitic acid (C16:0), Stearic acid (18:0), Oleic acid (C18:1) and Linoleic acid (C18:2)	~99%
A-42 Caridolipin, Sodium Salt (Bovine Heart), CL synonym(s) Diphosphatidylglycerol	[1 mg/ml CHCl ₃] MW 1493 (Linoleoyl Form) MF C ₈₁ H ₁₄₀ O ₁₇ P ₂ Na ₂ Primarily Linoleic acid (C18:2)	~99%
A-43Na L-3-Phosphatidic Acid, Sodium Salt (from Egg Yolk PC), PA synonym(s) 1,2-Diacyl-sn-glycero-3-phosphate, L- α -phosphatidic acid, 3-sn-Phosphatidic Acid	[1 mg/ml CHCl ₃] MW 723 (Oleoyl Form) MF C ₃₉ H ₇₂ O ₈ PNa Primarily Palmitic acid (C16:0) and Oleic acid (C18:1)	~99%

Product Name (Source) Abbreviation	Physical Characteristic	Purity
<p>A-461 Cerebrosides, total, two spots (Porcine Brain), CB synonym(s) N-Acyl-1-Beta-D-galactosylsphingosine, Galactosylceramide, Galactocerebrosides</p>	<p>Powder MW 812 (Lignoceryl Form) MF C₄₈H₉₃N₀₈</p> <p>Primarily Behenic acid (C22:0) and Lignoceric acid (C24:0)</p> <p>Contains non-hydroxy fatty acids (Upper Spot) and hydroxy fatty acids (Lower Spot)</p>	<p>~99%</p>