



OLBRACHT SERDARY RESEARCH LABORATORIES

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SPECIFICATION SHEET

USER	FUNAKOSHI CO., LTD.	
NAME	Phospholipid Kit LPC LPE PI SM PS PC PE CL PA CB (Each 10mg lipid class separately packaged)	
Catalog No.	A-481	

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]	[2 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
<p>A-401 Sphingomyelin (Bovine Heart), SM synonym(s) Ceramide-1-Phosphorylcholine, N-Acyl-D-sphingosine-1-phosphocholine</p>	<p>Powder MW 730 (Stearoyl Form) MF C₄₁H₈₃N₂O₆P</p> <p>Primarily Palmitic acid (C16:0), Stearic acid (18:0) and Oleic acid (C18:1)</p>	~99%
<p>A-36 L-3-Phosphatidylserine (Porcine Brain), PS synonym(s) L-α-Phosphatidylserine, 1,2-Diacyl-sn-glycero-3-phospho-L-serine</p>	<p>[2 mg/ml CHCl₃] MW 814 (Stearoyl Form) MF C₄₂H₈₁NO₁₀PNa</p> <p>Primarily Stearic acid (C18:0) and Oleic acid (C18:1)</p>	~99%
<p>A-29B L-3-Phosphatidylcholine (Bovine Liver), PC synonym(s) L-α-Phosphatidylcholine, 1,2-Diacyl-sn-glycero-3-phosphocholine, Lecithin</p>	<p>[2 mg/ml CHCl₃] MW 789 (Stearoyl Form) MF C₄₄H₈₈NO₈P</p> <p>Primarily Stearic acid (C18:0) and Oleic acid (C18:1)</p>	~99%
<p>A-34 L-3-Phosphatidylethanolamine (Egg Yolk), PE synonym(s) L-α-Phosphatidylethanolamine, 1,2-Diacyl-sn-glycero-3-phosphoethanolamine, Cephalin</p>	<p>[2 mg/ml CHCl₃] MW 744 (Oleoyl Form) MF C₄₁H₇₈NO₈P</p> <p>Primarily Palmitic acid (C16:0), Stearic acid (18:0), Oleic acid (C18:1) and Linoleic acid (C18:2)</p>	~99%
<p>A-42 Caridolipin, Sodium Salt (Bovine Heart), CL synonym(s) Diphosphatidylglycerol</p>	<p>[2 mg/ml CHCl₃] MW 1493 (Linoleoyl Form) MF C₈₁H₁₄₀O₁₇P₂Na₂</p> <p>Primarily Linoleic acid (C18:2)</p>	~99%
<p>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</p>	<p>[2 mg/ml CHCl₃] MW 723 (Oleoyl Form) MF C₃₉H₇₂O₈PNa</p> <p>Primarily Palmitic acid (C16:0) and Oleic acid (C18:1)</p>	~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>