

BMP Snoopers[®]
Bis(Monoacylglycerol) Phosphare Snoopers[®]

330502-5EA

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Storage 2-8°C
Expiration Date One year from date of receipt
M Lot Number 5028NAA015
Avanti Lot Number 330502-5EA-015

ANALYSIS	SPECIFICATION	RESULTS
Confirm release of 14:0 Hemi BP (S,R) (RDP-857132)	TLC Analysis, >99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot	All Pass
Confirm release of 18:1 Hemi BP(S,R) (RDP-857134)	TLC Analysis, >99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
	Calcium (ICP/MS) NMT 500ppm	None detected
	Proton NMR NMR spectrum consistent with structure	Consistent with structure
	Mass Spectroscopy [M-NH ₄] ⁺ = 1038.521 ± 1 amu	[M-NH ₄] ⁺ = 1038.5 amu
Confirm release of Egg PE (RDP-840021)	TLC Analysis, >99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
	UV Oxidation NMT 5% total all wavelengths	1.03% total all wavelengths
	FAME (GC/FID) Consistent with historical data 16:0 = ~17.3% 16:1 = ~0.5% 18:0 = ~24.2%	Consistent with historical

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	18:1 = ~18.1% 18:2 = ~14.0% 20:2 = ~0.2% 20:3 = ~0.3% 20:4 = ~16.0% 22:6 = ~4.2%	
	Mass Spectroscopy [M+H] ⁺ = 769.608 ± 1 amu (predominant species) and +NL 141 Scan: [M-141] ⁺ = 769.608 ± 1 amu (predominant species)	[M+H] ⁺ = 769.1 amu
Confirm release of 18:1 BMP (R,R) (RDP-857136)	TLC Analysis, >99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
	Proton NMR NMR spectrum consistent with structure	Consistent with historical
	Mass Spectroscopy [M-NH ₄] ⁻ = 774.075 ± 1 amu	[M-NH ₄] ⁻ = 774.0 amu
Confirm release of 18:1 BDP (S,S) (RDP-857137)	TLC Analysis, >99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
	Proton NMR NMR spectrum consistent with structure	Consistent with historical
	Mass Spectroscopy [M-NH ₄] ⁻ = 1302.967 ± 1 amu	[M-NH ₄] ⁻ = 1302.7 amu
Confirm release of Egg PC (RDP-840051)	TLC Analysis, >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 ≈ 34% 16:1 ≈ 2% 18:0 ≈ 11%	Consistent with historical

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	18:1 ≈ 32% 18:2 ≈ 18% 20:4 or 20:3 ≈ 3% UV Oxidation NMT 5% total all wavelengths Mass Spectroscopy Consistent with historical data Predominantly $[M+H]^+ = 761.076 \pm 1 \text{ amu}$	0.64% total all wavelengths $[M+H]^+ = 761.7 \text{ amu}$
Confirm release of 14:0 BMP (S,R) (RDP-857131)	TLC Analysis, >99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot Proton NMR NMR spectrum consistent with structure Mass Spectroscopy $[M-NH_4]^+ = 665.894 \pm 1 \text{ amu}$	All Pass Consistent with historical $[M-NH_4]^+ = 667.0 \text{ amu}$
Confirm release of 18:1 BMP (S,R) (RDP-857133)	TLC Analysis, >99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot Calcium (ICP/MS) NMT 500ppm Proton NMR NMR spectrum consistent with structure Mass Spectroscopy $[M-NH_4]^+ = 774.075 \pm 1 \text{ amu}$	All Pass None detected Consistent with historical $[M-NH_4]^+ = 774.1 \text{ amu}$
Confirm release of 18:1 BMP (S,S) (RDP-857135)	TLC Analysis, >99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot Proton NMR NMR spectrum consistent with structure Mass Spectroscopy $[M-NH_4]^+ = 774.075 \pm 1 \text{ amu}$	All Pass Consistent with structure $[M-NH_4]^+ = 774.0 \text{ amu}$
Lipid Content	Contains 1 ug each of 9 lipid species	Not applicable
Packaging	Packaged in foil bag under argon gas and heat sealed	Not applicable

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Approved by:

