Avanti® Polar Lipids, Inc.

Certificate of Analysis

C18:2 anandamide phosphate

linoleoyl ethanolamide phosphate (sodium salt)

870439C-1mg

Molecular weight	425.482
Chemical formula	$C_{20}H_{37}NO_5PNa$
Physical State	Chloroform
Storage	-20°C
Expiration Date	Three months from date of receipt
M Lot Number	6199CGB011
Avanti Lot Number	870439C-1MG-B-011

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	**Chloroform**: Clear solution with no foreign matter	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
UV Oxidation	NMT 5% total all wavelengths	1.38% total
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	$[M\text{-}Na]^-$ = 402.482 ± 1 amu	$[M\text{-}Na]^-$ = 402.2 amu
Calcium (ICP/MS)	NMT 500ppm	None detected

Approved By:

Avanti Polar Lipids, Inc. 700 Industrial Park Drive, Alabaster, Alabama 35007-9105, USA
Telephone (800) 227-0651 ● (205) 663-2494 Fax (800) 229-1004 ● (205) 663-0756
E-mail Orders: orders@avantilipids.com ● E-mail Inquiries: info@avantilipids.com
E-mail Technical Questions: technical@avantilipids.com ● Visit www.avantilipids.com