



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-214551
Lot Number: SAMPLE
Product Name: Arachidonoyl coenzyme A lithium salt
CAS Number: 188174-63-2
Molecular Formula: $C_{41}H_{66}N_7O_{17}P_3S \cdot xLi^+$
Molecular Weight: 1059.92

Test	Specification	Result
Appearance	White powder	Complies
Purity (HPLC)	$\geq 85\%$	90%
Solubility	Clear colorless solution at 20 mg/ml in water	Complies
Extinction Coefficient	EmM: 12.0 - 14.5 (0.1 M PO ₄ , pH 7.0)	13.1
Wavelength	259 - 261 nm	259 nm
Lithium	1.0 - 1.5% (anhydrous)	1.3%
Phosphorus	7.8 - 9.8% (anhydrous and lithium free basis)	8.2%
Water Content (KF)	$\leq 10\%$	3%

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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