



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-215668
Lot Number: SAMPLE
Product Name: Palmitoyl coenzyme A lithium salt
CAS Number: 188174-64-3
Molecular Formula: $C_{37}H_{65}N_7O_{17}P_3S \cdot xLi$
Molecular Weight: 1004.94 (free acid basis)

Test	Specification	Result
Appearance	White powder	Complies
Purity (HPLC)	$\geq 90\%$	94%
Solubility	Clear, colorless solution (5 mg + 0.1 mL H ₂ O)	Complies
Lithium	0.5 - 1.8%	1.4% (anhydrous)
Phosphorus	8.0 - 9.5%	8.8% (anhydrous)
Sulfur	2.7 - 3.3%	3.0% (anhydrous)
Water Content (KF)	$\leq 7.5\%$	3.4%

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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