



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-215461
Lot Number: SAMPLE
Product Name: n-Heptadecanoyl coenzyme A lithium salt
CAS Number: 3546-17-6
Molecular Formula: $C_{38}H_{68}N_7O_{17}P_3S$
Molecular Weight: 1019.97

Test	Specification	Result
Appearance	White powder	Complies
Purity (HPLC)	$\geq 90\%$	97%
Solubility	Clear to very slightly hazy and colorless solution at 20 mg/ml in water	Clear colorless solution at 20 mg/ml in water
Extinction Coefficient	EmM: 11.4 - 12.9 at λ_{max} 258 - 260 nm at pH 7.0	12.9
Lithium	0.5 - 1.7%	1.3%
Phosphorus	7.9 - 9.2%	8.5%
Water Content (KF)	$\leq 8.0\%$	6.2%

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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