



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-478149
Lot Number: SAMPLE
Product Name: Nonanoyl Coenzyme A-d17 Sodium Salt

CAS Number: 17331-98-5 (unlabeled)
Molecular Formula: $C_{30}H_{35}D_{17}N_7O_{17}P_3S \cdot xNa$
Molecular Weight: 924.86
Native Source: Synthetic

Test	Specification	Result
Appearance	White to off-white solid	White solid
Identification (NMR)	Consistent with structure	Complies
Identification (31P-NMR)	Consistent with structure	Complies
Identification (Mass Spectrometry)	Consistent with structure	Complies
Isotopic Purity	>95%	97.6%
Purity		96%
Specific Rotation		-5.5° (c = 0.1, Water)
Carbon Content	35.58%	33.77%
Hydrogen Content	4.78%	5.37%
Nitrogen Content	9.68%	9.01%
Sodium Content		8.11% by Ion Chromatography
Water Content (KF)		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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