



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-214187
Lot Number: SAMPLE
Product Name: 3'-Deposphocoenzyme A
CAS Number: 3633-59-8
Molecular Formula: $C_{21}H_{35}N_7O_{13}P_2S$
Molecular Weight: 687.55

Test	Specification	Result
Appearance	White to off-white powder	White powder
Purity (HPLC)	$\geq 90\%$	95%
Solution (Color)	Colorless to faint yellow at 50 mg/ml in water	Colorless at 50 mg/ml in water
Solution (Turbidity)	Clear to very slightly hazy at 50 mg/ml in water	Clear at 50 mg/ml in water
Extinction Coefficient	13.7 - 15.3 (0.1 M phosphate , pH = 7.0)	14.6
Wavelength	259 - 261 nm	259 nm
Impurity	$\leq 1\%$ (Coenzyme A by HPLC)	0%
Phosphorus (ICP)	8.1 - 9.6% (anhydrous)	8.5%
Water Content	$\leq 8.0\%$	4.9%

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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