



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-214508  
Lot Number: SAMPLE  
Product Name: Adenosine 5'-triphosphate, periodate oxidized sodium salt  
CAS Number: 71997-40-5  
Molecular Formula:  $C_{10}H_{14}N_5O_{13}P_3$   
Molecular Weight: 505.17 (non sodium salt)

Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder	Powder
Purity (TLC)	$\geq 97\%$	99 %
Solution (Color)	Colorless to very faint yellow (50 mg/ml in $H_2O$ )	Colorless (50 mg/ml in $H_2O$ )
Solution (Turbidity)	Clear (50 mg/ml in $H_2O$ )	Complies
Carbon	19.2 - 22.7 %	22.1 %
Nitrogen	11.4 - 13.4 %	12.3 %
Phosphorus	13.5 - 17.5 %	15.2 %
Sodium	6.5 - 13.8 %	7.3 %
Water Content (KF)	$\leq 12.0\%$	8.3 %

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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