



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-202040  
Lot Number: SAMPLE  
Product Name: Adenosine 5'-Triphosphate, disodium salt  
CAS Number: 987-65-5  
Molecular Formula:  $C_{10}H_{14}N_5O_{13}P_3 \cdot 2Na$   
Molecular Weight: 551.15

Test	Specification	Result
Purity	$\geq 98\%$	101%
Solubility	5% in water	Complies
A250/A260	0.75 - 0.81	0.77
A280/A260	0.14 - 0.18	0.17
Absorbance	14700 at 259nm in Phosphate buffer (pH 7.0)	17655.68
Heavy Metals	$\leq 0.003\%$	0.0006%
Impurity	AMP and ADP $\leq 0.5\%$	0.0006%
Sodium	7.0 - 8.0%	7.9%
Water Content (KF)	$\leq 10\%$	7%

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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