



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-214506  
Lot Number: SAMPLE  
Product Name: Adenosine 5'-phosphosulfate sodium salt  
CAS Number: 102029-95-8  
Molecular Formula:  $C_{10}H_{14}N_5O_{10}PS \cdot Na$   
Molecular Weight: 450.27

Test	Specification	Result
Appearance	White to off-white powder	White powder
Purity (HPLC)	$\geq 85\%$	97%
Solubility	Colorless to light yellow and clear to very slightly hazy at 50 mg/ml in H <sub>2</sub> O	Colorless clear solution at 50 mg/ml in H <sub>2</sub> O
Solvent Content	$\leq 5.0\%$	0.7%
Extinction Coefficient	11.5 - 13.0	12.2
Wavelength	259 - 261 nm	260 nm
Sodium	7.5 - 10.5%	9.1%
Water Content (KF)	$\leq 11.0\%$	8.1%

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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