



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-214510
Lot Number: SAMPLE
Product Name: Adenosine, periodate oxidized
CAS Number: 34240-05-6
Molecular Formula: $C_{10}H_{11}N_5O_4$
Molecular Weight: 265.23

Test	Specification	Result
Appearance (Color)	White	Complies
Appearance (Form)	Powder	Complies
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (TLC)	$\geq 93\%$	100%
Residual Solvents (GC)	$\leq 6.5\%$	1.7%
Solution (Color)	Colorless to faint yellow	Colorless
Solution (Turbidity)	Clear at 50 mg/ml 0.2M HCl	Complies
Nitrogen Content	25.0 - 27.0 %	26.3%
Water Content (KF)	$\leq 12\%$	6%

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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