



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-214457
Lot Number: SAMPLE
Product Name: α,β -Methyleneadenosine 5'-diphosphate sodium salt
CAS Number: 104835-70-3
Molecular Formula: $C_{11}H_{17}N_5O_9P_2$
Molecular Weight: 425.23

Test	Specification	Result
Appearance	White powder	Complies
Purity (HPLC)	$\geq 98\%$	100%
Solubility	Clear to slightly hazy colorless at 50 mg/ml in H_2O	Clear colorless at 50 mg/ml in H_2O
Solvent Content (GC)	$\leq 5\%$	0%
Emission Spectrum	13.3 - 13.9%	13.6
Wavelength	259 - 260 nm	260 nm
Sodium	2.6% - 15.5% for dry basis	9.5%
Water Content (KF)	$\leq 10\%$	8%

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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