



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-214058
Lot Number: SAMPLE
Product Name: 2'-Deoxycytidine 5'-monophosphate sodium salt
CAS Number: 13085-50-2
Molecular Formula: $C_9H_{12}N_3O_7PNa_2$
Molecular Weight: 351.16

Test	Specification	Result
Appearance	White powder	Complies
Purity (HPLC)	$\geq 98\%$	99%
Solubility	Colorless clear solution at 50 mg/ml in water	Complies
Solvent Content	$\leq 4\%$	0%
Absorbance	EmM: 8.5 - 9.8 (0.1 M Phosphate, pH 7.0 Dry basis and corrected for Sodium Content)	9.0
Wavelength	271 - 273 nm	272 nm
Phosphorus	4.4 - 12.8 % (dry basis) and corrected for Sodium Content	10.1 %
Sodium	3.5 - 15.9 % (dry basis)	12.0%
Water Content (KF)	$\leq 18\%$ (4 mol/mol)	9%

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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