



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-298683
Lot Number: SAMPLE
Product Name: 2'-Deoxyguanosine 5'-monophosphate sodium salt hydrate
CAS Number: 52558-16-4
Molecular Formula: $C_{10}H_{14}N_5O_7P \cdot xNa^+ \cdot yH_2O$
Molecular Weight: 347.22 (anhydrous free acid basis)

Test	Specification	Result
Appearance	White powder	Complies
Purity (HPLC)	$\geq 98\%$	98%
Solubility	Clear colorless solution at 50 mg/ml in water	Complies
Solvent Content (GC)	$\leq 5\%$	0.1% Methanol
Phosphorus (ICP)	7.9% - 9.6%	8.9%
Sodium (ICP)		8.5%
Water Content (KF)	$\leq 13\%$ (3 mol/mol)	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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