



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-212375
Lot Number: SAMPLE
Product Name: Nicotinamide hypoxanthine dinucleotide sodium salt
CAS Number: 104809-38-3
Molecular Formula: $C_{21}H_{26}N_6O_{15}P_2 \cdot xNa$
Molecular Weight: 664.41 (non-salt)

Test	Specification	Result
Appearance	White to off-white powder	White powder
Purity (HPLC)	$\geq 92\%$	95%
Solubility	Clear, colorless to faint yellow solution at 100 mg/ml in water	Clear, very faint yellow solution at 100 mg/ml in water
Solvent Content (GC)	$\leq 5.0\%$	1.5%
Extinction Coefficient	13.2 - 16.1	14.9
Wavelength	248 - 250 nm	249 nm
Sodium	1.5 - 4.0% (dry basis)	3.4%
Water Content	$\leq 11.5\%$	7.0%

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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