



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-215564
Lot Number: SAMPLE
Product Name: Nicotinic acid adenine dinucleotide phosphate sodium salt
CAS Number: 5502-96-5
Molecular Formula: $C_{21}H_{27}N_6O_{18}P_3 \cdot xNa^+$
Molecular Weight: 744.39 (free acid basis)

Test	Specification	Result
Appearance (Color)	White to off-white	White
Appearance (Form)	Powder	Powder
Purity (HPLC)	≥ 92.5	95.8
Solution (Color)	Colorless	Colorless
Solution (Turbidity)	Clear	Clear
Solvent Content (GC)	≤ 5.0	2.9
Extinction Coefficient	13.9 - 16.0	15.5
Wavelength	258 - 260 nm	259 nm
Carbon	27.8 - 33.4 %	31.4 %
Nitrogen	9.3 - 11.1 %	10.3 %
Phosphorus	10.0 - 12.6 %	10.8 %
Sodium	1.5 - 6.1 %	3.8 %
Water Content (KF)	≤ 9.0	2.1

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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