



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-212374
Lot Number: SAMPLE
Product Name: β -Nicotinamide adenine dinucleotide, reduced dipotassium salt
CAS Number: 104809-32-7
Molecular Formula: $C_{21}H_{27}N_7O_{14}P_2K_2$
Molecular Weight: 741.62

Test	Specification	Result
Appearance	White to light yellow powder	Faint yellow powder
Purity (HPLC)	$\geq 95\%$	96%
Purity (UV)	$\geq 95\%$ (dry basis, Corrected for Water and Solvent Content)	101%
Solution (Color)	Light yellow to yellow-green at 100 mg/ml in 0.01 N NaOH	Yellow-green
Solution (Turbidity)	Clear to slightly hazy at 100 mg/ml in 0.01 N NaOH	Clear
Solvent Content (GC)	$\leq 6\%$	5%
Potassium	9.5 - 11.7% (dry basis, Corrected for Water and Solvent Content)	10.4%
Water Content	$\leq 9\%$	4%

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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