



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-208084
Lot Number: SAMPLE
Product Name: NAD⁺, Free Acid
CAS Number: 53-84-9
Molecular Formula: $C_{21}H_{27}N_7O_{14}P_2$
Molecular Weight: 663.43

Test	Result
Appearance	White powder
Purity (Enzymatic)	99.9%
A250/A260	0.83 Ratio at pH 7.5
A280/A260	0.20 Ratio at pH 7.5
A340/A260	0.44 Ratio when reduced with alcohol degenerase at pH 10
Molar Extinction Coefficient	17.5 x 10 ³ L/mole/cm at 260 nm and pH 7.5 6.3 x 10 ³ L/mole/cm at 340 nm and pH 10
NADP ⁺ content	91.6%
Water Content (KF)	8.3%

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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