



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-215565  
Lot Number: SAMPLE  
Product Name: Nicotinic acid mononucleotide  
CAS Number: 321-02-8  
Molecular Formula:  $C_{11}H_{14}NO_9P$   
Molecular Weight: 335.20

| Test                   | Specification                                           | Result                                            |
|------------------------|---------------------------------------------------------|---------------------------------------------------|
| Appearance             | White powder                                            | Complies                                          |
| Purity (HPLC)          | $\geq 98\%$                                             | 99%                                               |
| Solution (Color)       | Colorless at 50 mg/ml in $H_2O$                         | Complies                                          |
| Solution (Turbidity)   | Clear at 50 mg/ml in $H_2O$                             | Complies                                          |
| Extinction Coefficient | 4.0 - 4.5 at $\lambda_{max}$ 266 nm, pH 7.0 (anhydrous) | 4.2 at $\lambda_{max}$ 266 nm, pH 7.0 (anhydrous) |
| $\lambda_{max}$        |                                                         | 266 nm                                            |
| Water Content          | $\leq 11.5$                                             | 3.1                                               |

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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