



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-294595
Lot Number: SAMPLE
Product Name: Flavin Adenine Dinucleotide Disodium Salt Hydrate
CAS Number: 84366-81-4
Molecular Formula: $C_{27}H_{31}N_9Na_2O_{15}P_2 \cdot xH_2O$
Molecular Weight: 829.51 (as Anhydride)

Test	Specification	Result
Purity (HPLC)	$\geq 94.0\%$	97.0%
Extinction Coefficient	≥ 10000 (H ₂ O, 448.0 - 450.0 nm)	11000 (450.0 nm)
Specific Rotation ($\alpha_{20/D}$)	-30.0° - -25.0°	-27.6°

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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