



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-253229
Lot Number: SAMPLE
Product Name: P1,P4-Di(adenosine-5') tetraphosphate ammonium salt
CAS Number: 102783-36-8
Molecular Formula: $C_{20}H_{31}N_{11}O_{19}P_4$
Molecular Weight: 853.42

Test	Specification	Result
Appearance	White to off white powder	White powder
Purity (HPLC)	$\geq 95\%$	97%
Solubility	Clear, colorless to faint yellow solution at 50 mg/ml in water	Clear and colorless solution at 50 mg/ml in water
Absorption Excitation	259 - 261 nm	260 nm
Extinction Coefficient	23.5 - 27.7	25.5
Phosphorus	11.0 - 14.0% (as is basis)	12.7%
Water Content (KF)	$\leq 7.5\%$	4.6%

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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