



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-204156
Lot Number: SAMPLE
Product Name: P1,P5-Di(adenosine-5'-)pentaphosphate, Trilithium Salt
CAS Number: 75522-97-3
Molecular Formula: $C_{20}H_{26}Li_3N_{10}O_{22}P_5$
Molecular Weight: 934.2

Test	Specification	Result
Appearance		White powder
Purity		92% (AP5A, tri-Li)
Purity		90.3% (AP5A from organic Phosphorus)
Purity (HPLC)		96.9% (AP5A)
Purity (Spectrophotometric)		96.2% (AP5A)
TLC		Complies
Solubility	Soluble in 10 mg/ml water	Complies
A250/A260		0.78
A280/A260		0.21
Absorbance Ratio		0.02 (A 290 / A 260)
Lithium		1.8%
Lithium		1.8%
Phosphorus		15.3% (organic)
Phosphorus		0.2% (inorganic)
Water Content (KF)		2.3%

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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