



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-252312
Lot Number: SAMPLE
Product Name: 8-Bromoadenosine 5'-triphosphate sodium salt
CAS Number: 81035-56-5
Molecular Formula: $C_{10}H_{15}BrN_5O_{13}P_3 \cdot Na$
Molecular Weight: 609.07

Test	Specification	Result
Appearance	White to off-white powder	White powder
Identification (1H-NMR)	Consistent with structure	Complies
Purity (HPLC)	$\geq 90\%$	95%
Solubility	Clear and colorless solution at 50 mg/ml in water	Complies
Solvent Content (GC)	$\leq 4\%$	2%
Carbon Content	16.0 - 22.3%	18.4%
Nitrogen Content	9.3 - 13.0%	9.7%
Phosphorus	12.4 - 17.3%	13.6%
Sodium (ICP)	1.8 - 15.2%	8.2%
Water Content (KF)	$\leq 10\%$	4%

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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