



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-215981
Lot Number: SAMPLE
Product Name: Thymidine 5'-triphosphate sodium salt
CAS Number: 18423-43-3
Molecular Formula: $C_{10}H_{16}N_2O_{14}P_3Na$
Molecular Weight: 504.15

Test	Specification	Result
Appearance	White powder	Complies
Purity (HPLC)	$\geq 96\%$	98%
Purity (UV)	96.5 - 106.0% (Dry Basis, Based on EmM = 9.6, at lambda max of 266 - 268 nm, 0.1 M Phosphate. Dry basis and Na free.)	102.1 %
Solubility	Clear and colorless solution at 100 mg/ml in water	Complies
Solvent Content (GC)	$\leq 5\%$	< 0%
Wavelength	266 - 268 nm	267 nm
Sodium Content	11.0 - 15.4% (dry basis)	13.1%
Water Content (KF)	$\leq 15\%$	9%

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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