



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-213136  
Lot Number: SAMPLE  
Product Name: Uridine 5'-triphosphate tris salt  
CAS Number: 108321-53-5  
Molecular Formula:  $C_9H_{15}N_2O_{15}P_3$   
Molecular Weight: 484.14

Test	Specification	Result
Appearance	White powder	Complies
Identification ( $^1H$ -NMR)	Consistent with structure	Complies
Purity (HPLC)	$\geq 90\%$	92%
Solubility	Colorless, clear at 50 mg/ml in water	Complies
Solvent Content	$\leq 5\%$ (by GC)	0% (by GC)
Absorption Excitation	261 - 263 nm	262 nm
Extinction Coefficient	4.6 - 6.0	4.9
Phosphorus	9.1 - 11.1%	9.7%
Tris	2.6 - 3.5 mol/mol (by $^1H$ -NMR )	3.3 mol/mol (by $^1H$ -NMR )
Water Content	$\leq 7.1\%$	3.7%

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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