



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-214314
Lot Number: SAMPLE
Product Name: 5-Bromouridine 5'-triphosphate sodium salt
CAS Number: 161848-60-8
Molecular Formula: $C_9H_{14}BrN_2O_{15}P_3 \cdot xNa$
Molecular Weight: 563.04

Test	Specification	Result
Appearance (Color)	White	Complies
Appearance (Form)	Powder	Complies
Purity (HPLC)	$\geq 93\%$	98%
Solution (Color)	Colorless at 50 mg/ml in H ₂ O	Complies
Solution (Turbidity)	Clear at 50 mg/ml in H ₂ O	Complies
Extinction Coefficient	6.3 - 7.4	6.8
Wavelength	278 - 281 nm	279 nm
Ethanol (GC)	$\leq 4.0\%$	1.0%
Methanol (GC)	$\leq 2.0\%$	0.1%
Phosphorus	13.7 - 15.3%	14.3%
Sodium	10.6 - 13.1%	11.3%
Water Content	$\leq 8.5\%$	6.8%

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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