



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-221451A
Lot Number: SAMPLE
Product Name: Cytidine 5'-monophosphate disodium salt
CAS Number: 6757-06-8
Molecular Formula: $C_9H_{12}N_3O_8PNa_2$
Molecular Weight: 367.16

Test	Specification	Result
Purity (HPLC)	$\geq 99.0\%$	100.0%
Absorbance Ratio (1)	0.40 - 0.50 (E250/ E260, 0.01 mol/L HCl)	0.45
Absorbance Ratio (2)	1.9 - 2.20(E280/ E260,0.01 mol/L HCl)	2.05
Specific Rotation ($\alpha_{20/D}$)	+7.0 - +9.0° (C=2, H ₂ O)(calcd. on anh. substance)	+7.8°
Water Content	$\leq 25.0\%$	24.2%

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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