



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-288563
Lot Number: SAMPLE
Product Name: 2'-Deoxy-2'-fluorocytidine Hydrate
CAS Number: 10212-20-1
Molecular Formula: $C_9H_{12}FN_3O_4 \cdot xH_2O$
Molecular Weight: 245.21 (as Anhydride)

Test	Specification	Result
Purity (Nonaqueous Titration)	$\geq 98.0\%$ (calcd. on anh. substance)	100.8% (calcd. on anh. substance)
Specific Rotation ($\alpha_{20/D}$)	+77.0 - +83.0° (c=1, methanol) (calcd. on anh. substance)	+80.0° (c=1, methanol) (calcd. on anh. substance)
Water Content	$\leq 10.0\%$	7.7%

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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