



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-221454
Lot Number: SAMPLE
Product Name: Cytosine β -D-arabinofuranoside hydrochloride
CAS Number: 69-74-9
Molecular Formula: $C_9H_{13}N_3O_5$ HCl
Molecular Weight: 279.68

Test	Specification	Result
Appearance (Color)	White	Complies
Appearance (Form)	Powder	Complies
Purity (HPLC)	$\geq 99\%$	100%
Solution (Color)	Colorless at 50 mg/mL in water	Complies
Solution (Turbidity)	Clear at 50 mg/mL in water	Complies
Extinction Coefficient	E_{mM} : 12.9 - 13.7 in 0.01N HCl at pH 2.0	E_{mM} : 13.5 in 0.01N HCl at pH 2.0
Wavelength	280 - 281 nm	280 nm

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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