



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-202426  
Lot Number: SAMPLE  
Product Name: 5-Iodocytidine  
CAS Number: 1147-23-5  
Molecular Formula:  $C_9H_{12}IN_3O_5$   
Molecular Weight: 369.1

Test	Specification	Result
Appearance	white powder	White powder
Identification ( $^1H$ -NMR)	Consistent with structure	Complies
Purity (HPLC)	$\geq 99\%$	99.9%
Purity (TLC)	One spot	Complies
UV Content (Dried basis)	$\geq 97\%$ (293 nm, pH 7)	101%
Heavy Metals	$\leq 10$ ppm	<1 ppm
Carbon Content	$29.26 \pm 3\%$	29.28%
Iodine	$34.38 \pm 3\%$	34.45%
Nitrogen Content	$11.38 \pm 3\%$	11.42%
Water Content (KF)	$\leq 4\%$	2.1%

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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