



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-275523
Lot Number: SAMPLE
Product Name: 2'-Deoxy-2',2'-difluorocytidine
CAS Number: 95058-81-4
Molecular Formula: $C_9H_{11}F_2N_3O_4$
Molecular Weight: 263.199

Test	Specification	Result
Appearance	White or almost white crystalline powder	Complies
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (HPLC)	98.5% - 101.5%	100.3%
Residue on Ignition	$\leq 0.2\%$	0.04%
Heavy Metals	≤ 10 ppm	Complies
Related Substances	Cytosine $\leq 0.1\%$ α -anomer $\leq 0.1\%$ Total impurities $\leq 1.0\%$	0.03% Negative 0.12%
Water Content	$\leq 5.0\%$	3.78%

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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