



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-222356
Lot Number: SAMPLE
Product Name: Thymine 1-β-D-arabinofuranoside
CAS Number: 605-23-2
Molecular Formula: $C_{10}H_{14}N_2O_6$
Molecular Weight: 258.23

Test	Specification	Result
Appearance	White to off-white powder	White powder with a faint yellow cast
Purity (HPLC)	≥ 99%	99.6%
Solubility	Clear colorless solution at 20 mg plus 1.0 ml of 0.5 M hydrochloric acid	Complies
Extinction Coefficient	9.5 - 10.1 at λmax 268 nm at pH 7.0	9.67 at λmax 268 nm at pH 7.0

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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