



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-220903
Lot Number: SAMPLE
Product Name: 3'-Deoxyguanosine
CAS Number: 3608-58-0
Molecular Formula: $C_{10}H_{13}N_5O_4$
Molecular Weight: 267.24

Test	Specification	Result
Appearance		White powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (HPLC)		99.8%
Solubility		Clear colorless solution at 50 mg/ml of 1 M ammonium hydroxide
UV/Visible Spectrum		EmM = 13.8 at λ_{max} 253 nm at pH 7.0
Carbon Content		44.60%
Nitrogen Content		26.23%
Water Content (KF)		4.7%

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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