



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-238433
Lot Number: SAMPLE
Product Name: 2'-Deoxyguanosine monohydrate
CAS Number: 312693-72-4
Molecular Formula: $C_{10}H_{13}N_5O_4 \cdot H_2O$
Molecular Weight: 285.26

Test	Specification	Result
Appearance (Color)	White	Complies
Appearance (Form)	Powder	Complies
Purity (HPLC)	99 - 100 %	99 %
Solubility	Clear and Colorless at 50 mg / ml, 1 M ammonium hydroxide	Complies
Carbon Content	44.5 - 45.5 % (anhydrous basis)	45.0 % (anhydrous basis)
Nitrogen Content	25.9 - 26.5 % (anhydrous basis)	26.1 % (anhydrous basis)
Water Content (KF)	≤ 7 %	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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