



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-225816
Lot Number: SAMPLE
Product Name: 2'-Deoxyguanosine
CAS Number: 207121-55-9
Molecular Formula: $C_{10}H_{13}N_5O_4$
Molecular Weight: 267.24

Test	Result
Appearance	White crystalline powder
Identification (FTIR)	Complies
Identification (Infrared Spectrum)	Complies
Purity (HPLC)	99.4%
Residue on Ignition	0.0%
Solution (Color)	Clear and colorless
Color (APHA)	5
Heavy Metals	< 5 ppm
Impurity	Alpha-anomer: 0.0% Guanine: 0.09%
Related Substances	0.13%
Arsenic	< 1 ppm
Copper	< 5 ppm
Iron	< 10 ppm
Water Content	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.

Santa Cruz Biotechnology, Inc. 800.457.3801 831.457.3800 fax 831.457.3801 Europe +00800 4573 8000 49 62221 4503 0 www.scbt.com