



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-29068
Lot Number: SAMPLE
Product Name: Hypoxanthine
CAS Number: 68-94-0
Molecular Formula: $C_5H_4N_4O$
Molecular Weight: 136.11

Test	Result
Appearance	White powder
Purity	101%
Purity (TLC)	> 99%
Melting Point	> 300 °C
Residue on Ignition	< 0.1% (sulfated)
A250/A260	1.3
A280/A260	0.09 (10 mg/ml)
Extinction Coefficient	10850 M ⁻¹ cm ⁻¹
λ_{max}	250 ± 2 nm
Heavy Metals (Pb)	< 10 ppm
Loss on Drying	0.14% (105° for 3 hrs)
Carbon Content	44.2%
Hydrogen Content	2.90%
Nitrogen Content	41.1%

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