



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-205698
Lot Number: SAMPLE
Product Name: Fluconazole
CAS Number: 86386-73-4
Molecular Formula: $C_{13}H_{12}F_2N_6O$
Molecular Weight: 306.27

Test	Specification	Result
Appearance	White crystalline powder	White crystalline powder
Assay		99.5%
Melting Point	136 °C - 140 °C	139 °C
Residue on Ignition	≤0.5%	0.1%
Solubility	Freely soluble in methanol, soluble in dioxan, glacial acetic acid, chloroform, 0.1N NaOH, slightly in water	Freely soluble in methanol, soluble in dioxan, glacial acetic acid, chloroform, 0.1N NaOH, slightly in water
Infrared Spectrum	To correspond to standard spectrum	Complies
UV/Visible Spectrum	To correspond to standard spectrum	Complies
Heavy Metals	≤25 ppm	Complies
Loss on Drying	≤1.0%	0.3%
Related Substances	≤1.0%	Complies

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