



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-203005
Lot Number: SAMPLE
Product Name: Colchicine
CAS Number: 64-86-8
Molecular Formula: $C_{22}H_{25}NO_6$
Molecular Weight: 399.4
Native Source: *Colchicum autumnale* L.

Test	Specification	Result
Appearance	Light yellow powder	Complies
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity	$\geq 98\%$ (on dry basis)	98.7%
Solubility	Soluble in water, freely soluble in alcohol and chloroform, slightly soluble in ether	Complies
Specific Rotation	-240° - -250° (c = 1, alcohol)	-247.8°
Heavy Metals	≤ 10 ppm	Complies
Water Content	$\leq 2.0\%$	0.99%

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