



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-214767
Lot Number: SAMPLE
Product Name: Coumarin 314
CAS Number: 55804-66-5
Molecular Formula: $C_{18}H_{19}NO_4$
Molecular Weight: 313.35

Test	Specification	Result
Appearance	Yellow to very dark yellow and faint beige to beige powder	Yellow powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Extinction Coefficient	≥ 39000	45655
Wavelength	433-439 nm ($c = 0.01g/L$; Ethanol)	436 nm
Carbon Content		69.3 %
Nitrogen Content		4.5 %

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