



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-294106A
Lot Number: SAMPLE
Product Name: Coumarin 30
CAS Number: 41044-12-6
Molecular Formula: $C_{21}H_{21}N_3O_2$
Molecular Weight: 347.4

Test	Specification	Result
Appearance	Light yellow to yellow to green powder to crystal	Pale yellow powder
Purity (HPLC)	$\geq 98.0\%$	99.1 area%
Purity (Nonaqueous Titration)	$\geq 98.0\%$	100.5 %
Melting Point	221.0 to 225.0 °C	221.6 °C
Molar Extinction Coefficient	≥ 40000 (5mg/L, EtOH, 413.0 to 415.0 nm)	43100 (413.0 nm)
λ_{max}	413.0 - 415.0 nm(EtOH)	413.0 nm

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