



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-215937
Lot Number: SAMPLE
Product Name: Sunset yellow FCF
CAS Number: 2783-94-0
Molecular Formula: $C_{16}H_{10}N_2O_7S_2 \cdot Na_2$
Molecular Weight: 452.37

Test	Specification	Result
Appearance	Red to very dark red powder	Red powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (HPLC)	$\geq 88.0\%$	97.2%
Extinction Coefficient	≥ 20000	21900
Wavelength	479 - 485 nm (in water)	483 nm
Carbon Content	$\geq 37.3\%$	38.0%
Nitrogen Content	$\geq 5.4\%$	5.5%

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