



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-215894
Lot Number: SAMPLE
Product Name: Solvent Green 3
CAS Number: 128-80-3
Molecular Formula: $C_{28}H_{22}N_2O_2$
Molecular Weight: 418.49

Test	Specification	Result
Appearance	Powder	Complies
Identification (Infrared Spectrum)	Conforms to structure	Complies
TLC		Complies
Solubility	Turbid, dark blue to very dark blue and dark blue-green to very dark blue-green	Turbid, very dark blue-green
Wavelength/Extinction Coefficient	624 - 644 nm ≥ 15000	638 nm 15610
Wavelength/Extinction Coefficient	591 - 611 nm ≥ 14000	603 nm 14841
Wavelength/Extinction Coefficient	394 - 414 nm ≥ 6000	403 nm 6710
Carbon Content	76.3 - 84.4%	79.7%
Nitrogen Content	6.3 - 7.0%	6.6%

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