



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-206012
Lot Number: SAMPLE
Product Name: Xylene Cyanol FF
CAS Number: 2650-17-1
Molecular Formula: $C_{25}H_{27}N_2O_6S_2 \cdot Na$
Molecular Weight: 538.61

Test	Specification	Result
Appearance	Green powder	Complies
Purity	$\geq 70.0\%$	78.68%
Extinction Coefficient		68,188 at 615 nm
UV/Visible Spectrum		0.633 at 614 nm (5 mg in 1L DI water)
Loss on Drying	$\leq 10\%$ (105 °C)	3.67%
Suitability	Suitable as a tracking dye for DNA sequencing	Passes test

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