



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-214623
Lot Number: SAMPLE
Product Name: Brilliant Cresyl blue
CAS Number: 81029-05-2
Molecular Formula: $C_{17}H_{20}ClN_3O \cdot 1/2ZnCl_2$
Molecular Weight: 385.96

Test	Specification	Result
Appearance	Green to dark green powder	Complies
Solubility	0.1% in 50% ethanol: Clear, blue solution	Complies
Dye Content	$\geq 65.0\%$ (spectrophotometry)	66.5%
E1%	≥ 1625 (at 626.8 nm, 1 cm)	1670
λ_{max}		626.8 nm
Loss on Drying	$\leq 8.0\%$ (110 °C)	4.54%

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