



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-206056
Lot Number: SAMPLE
Product Name: Indigo carmine
CAS Number: 860-22-0
Molecular Formula: $C_{16}H_8N_2Na_2O_8S_2$
Molecular Weight: 466.35

Test	Specification	Result
Appearance	Dark red to dark purple to dark blue powder to crystal	Deep purple powder
Purity (UV)	$\geq 95.0\%$ (UV-Vis method, after drying)	99.4%
pH Transition Range	(blue) 11.6 - 14.0 (yellow)	Complies
Loss on Drying	$\leq 8.0\%$	4.5%

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