



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-215951
Lot Number: SAMPLE
Product Name: Tetrachrome Stain (MacNeal)
CAS Number: 81142-52-1
Molecular Formula: $C_{50}H_{38}Br_4Cl_2N_6Na_2O_5S_2$
Molecular Weight: 1303.51

Test	Specification	Result
Appearance	Brown to very dark brown powder	Dark brown powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Solution (Color)	Dark blue to very dark blue and dark green to very dark green and dark purple to very dark purple and green purple	Green purple
Absorbance	≥ 0.400 (c = 0.005 g/l, Methanol)	0.524
Absorbance	≥ 0.350	0.364
Absorbance	≥ 0.240	0.259
UV Absorption	≥ 0.300 at 288 nm	0.403

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