



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-217890  
Lot Number: SAMPLE  
Product Name: Chromotrope FB  
CAS Number: 3567-69-9  
Molecular Formula:  $C_{20}H_{12}N_2Na_2O_7S_2$   
Molecular Weight: 502.43

Test	Specification	Result
Appearance	Dark red to brown to black powder	Brown powder
Extinction Coefficient (1)	$\geq 9000$ at 320 - 326 nm	11410 at 322 nm
Extinction Coefficient (2)	$\geq 33000$ at 214 - 220 nm	39475 at 217 nm
Extinction Coefficient (3)	$\geq 14500$ at 513 - 519 nm	18099 at 516 nm
Infrared Spectrum	Conforms to structure	Complies
Carbon	23.9 % - 71.7 %	33.1 %
Nitrogen	2.7 - 8.4 %	3.9 %

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](http://www.scbt.com)