



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-214542
Lot Number: SAMPLE
Product Name: Aniline Blue diammonium salt
CAS Number: 66687-07-8
Molecular Formula: $C_{37}H_{24}N_3O_9S_3 \cdot 2NH_4$
Molecular Weight: 786.87

Test	Specification	Result
Appearance	Brown to very dark brown and red to very dark red and red-brown and very dark red-brown powder or crystals or granules	Very brown powder
Identification (Infrared Spectrum)	Conforms to structure	Complies
Extinction Coefficient	≥ 15000 in water	35156
Wavelength	595 - 605 nm (c = 0.01 g/L H ₂ O)	595 nm
Carbon Content	$\geq 36.5\%$	47.5%
Nitrogen Content	$\geq 4.0\%$	8.9%

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