



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-214467
Lot Number: SAMPLE
Product Name: Acid blue 113
CAS Number: 3351-05-1
Molecular Formula: $C_{32}H_{21}N_5Na_2O_6S_2$
Molecular Weight: 681.65

Test	Specification	Result
Appearance	Black powder	Complies
Identification (Infrared Spectrum)	Conforms to structure	Complies
Extinction Coefficient	≥ 18000	20556
Wavelength	563-569 nm ($c = 0.02\text{g/l}$; H ₂ O)	567 nm
Carbon Content	30.0-45.0%	34.4%
Nitrogen Content	5.0-7.0%	5.7%

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.

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