



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-214961  
Lot Number: SAMPLE  
Product Name: Eosin B sodium salt  
CAS Number: 548-24-3  
Molecular Formula:  $C_{20}H_6N_2O_9Br_2 \cdot 2Na$   
Molecular Weight: 624.06

Test	Specification	Result
Appearance	Brown to dark green powder	Brown powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Solubility	Clear and red solution at 1mg/ml in water	Clear and very dark red solution at 1mg/ml in water
Extinction Coefficient	$\geq 42000$	44786
Dye Content	~90%	96%
Wavelength	515 - 523 nm	519 nm

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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