



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-214962
Lot Number: SAMPLE
Product Name: Eosin B
CAS Number: 56360-46-4
Molecular Formula: $C_{20}H_8Br_2N_2O_9$
Molecular Weight: 580.09

Test	Specification	Result
Appearance	Yellow to orange powder	Light yellow powder
Purity (UV)	$\geq 95.0\%$	95.8%
Solubility	+ 1ml of 2% Na ₂ CO ₃ : Clear, red solution	Complies
E1%	≥ 1020 (at λ_{max}) (1%/1cm)	1029
λ_{max}	515.0 - 524.0 nm	520.6 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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