



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-203734A
Lot Number: SAMPLE
Product Name: Eosin Y sodium salt
CAS Number: 17372-87-1
Molecular Formula: $C_{20}H_6Br_4O_5 \cdot 2Na$
Molecular Weight: 691.85

Test	Specification	Result
Appearance	Dark red to brown powder	Rust coloured powder
Solubility	1% in water: Clear, dark red solution	Complies
Absorption Ratio	1.25 - 1.75 ($\lambda_{max} \pm 15$ nm)	1.48
Dye Content	$\geq 88.0\%$	91%
λ_{max}	515 - 518 nm	517 nm
Loss on Drying	$\leq 8.0\%$	3.11%

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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