



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-206021
Lot Number: SAMPLE
Product Name: Ponceau BS
CAS Number: 4196-99-0
Molecular Formula: $C_{22}H_{14}N_4Na_2O_7S_2$
Molecular Weight: 556.48

Test	Specification	Result
Appearance	Dark red to dark brown powder	Dark red powder
Solubility	Clear, red solution at 0.1% in water	Complies
Dye Content	$\geq 70\%$ (Spectrophotometry)	86%
E1%	≥ 530 (at λ_{max} , 1 cm)	651
λ_{max}	506 - 514 nm	508 nm
Loss on Drying	$\leq 15.0\%$ (110 °C)	6.25%

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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