



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-214611
Lot Number: SAMPLE
Product Name: Bismarck Brown Y
CAS Number: 10114-58-6
Molecular Formula: $C_{18}H_{18}N_8 \cdot 2HCl$
Molecular Weight: 419.31

Test	Result
Appearance	Brownish powder
pH	2.62
Solubility	Clear orange red solution (10 mg/L in H ₂ O + 1 mL acetic acid)
Dye Content	45%
λ_{max}	461 nm (in Ethanol + 5ml 1N Hydrochloric acid)
Water Content (KF)	0.88%

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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