



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-24971A
Lot Number: SAMPLE
Product Name: Bromophenol Blue
CAS Number: 115-39-9
Molecular Formula: $C_{19}H_{10}Br_4O_5S$
Molecular Weight: 669.96

Test	Result
Appearance	Light pink powder
Solubility	Clear solution (0.1% in EtOH)
Visual Transition Range	pH 3.1 (Greenish yellow) - pH 4.6 (Blue violet)
Dye Content	98.5% (By spectrophotometry)
UV Absorption	(pH 3.1) at λ_{max} . 437.4 nm: 362 (pH 4.6) at λ_{max} . 591.2 nm: 985
Loss on Drying	0.81% (110 °C, 1h)

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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