



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-214633
Lot Number: SAMPLE
Product Name: Bromophenol blue sodium salt
CAS Number: 34725-61-6
Molecular Formula: $C_{19}H_9Br_4NaO_5S$
Molecular Weight: 691.94

Test	Specification	Result
Appearance	Yellow brown to orange to green powder	Orange brown powder
Visual Transition Interval	From pH 3.0 (yellow) to pH 4.6 (blue)	Complies
Solution (Clarity)		Complies
Extinction Coefficient (1)	320 - 370 (1% /1 cm, pH 3.0 at λ_{max} 438 nm)	335
Extinction Coefficient (2)	880 - 950 (1% /1 cm, pH 4.6 at λ_{max} 591 nm)	924
Loss on Drying	< 5.0% (110 °C, 1 hour)	3.10%

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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