



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-239418
Lot Number: SAMPLE
Product Name: Bromocresol Purple sodium salt
CAS Number: 62625-30-3
Molecular Formula: $C_{21}H_{15}Br_2NaO_5S$
Molecular Weight: 562.20

Test	Specification	Result
Appearance	Purple-brown to orange crystalline powder	Orange powder
Visual Transition Interval	From pH 5.2 (yellow) to pH 6.8 (purple)	Complies
Solubility	Clear reddish yellow solution (0.1%, water)	Complies
Absorption	pH 5.2 at λ_{max} =430nm: 380-430 (1%, 1cm) pH 6.8 at λ_{max} =589nm: 940-1050 (1%, 1cm)	414 (1%, 1cm) 1032 (1%, 1cm)
Loss on Drying	$\leq 5.0\%$	1.74%

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.

Santa Cruz Biotechnology, Inc. 800.457.3801 831.457.3800 fax 831.457.3801 Europe +00800 4573 8000 49 62221 4503 0 www.scbt.com