



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-361835
Lot Number: SAMPLE
Product Name: Chorismic acid barium salt
CAS Number: 55508-12-8
Molecular Formula: $C_{10}H_8BaO_6$
Molecular Weight: 361.49
Native Source: *Enterobacter aerogenes*

Test	Specification	Result
Appearance (Color)	White to off-white	Off-white
Appearance (Form)	Powder	Powder
Purity (HPLC)	$\geq 70 \%$	86 %
Purity (UV)	55 - 80 %	72 %
Solubility		50 mg/ml, H ₂ O
Solution (Color)	Very Faint Yellow to Light Yellow	Very Faint Yellow
Solution (Turbidity)	Clear to Slightly Hazy	Clear
Solvent Content	$\leq 7.0 \%$	$< 4.7 \%$
UV/Visible Spectrum	1.49 - 2.16 lambda max: 270 nm to 276 nm	1.81
Wavelength	270 - 276 nm	272 nm
Barium	33.5 - 39.9 %	38.7 %
Water Content (KF)	$\leq 10.0 \%$	3.0 %

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