



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-294110
Lot Number: SAMPLE
Product Name: Curcumin (Synthetic)
CAS Number: 458-37-7
Molecular Formula: $C_{21}H_{20}O_6$
Molecular Weight: 368.38

Test	Specification	Result
Appearance	Yellow to orange powder	Orange-yellow powder
Visual Transition Interval	From pH 7.4 (yellow) to pH 8.6 (red) From pH 10.2 (red) to pH 11.8 (orange)	Complies
Assay (Dried Basis)	>95%	96.90%
Identification	Conforms to structure and standard	Complies
Residue on Ignition	<2.0%	0.28%
Solubility	Clear to hazy yellow to orange solution	Complies
Loss on Drying	<5.0%	0.77%
Arsenic	<2.0ppm	0.0077ppm
Cadmium	<1.0ppm	Not detected
Lead	<5.0ppm	0.456ppm
Mercury	<0.1ppm	Not detected

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