



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-211133  
Lot Number: SAMPLE  
Product Name: Copper(II) sulfate  
CAS Number: 7758-98-7  
Molecular Formula:  $\text{CuSO}_4$   
Molecular Weight: 159.61

Test	Specification	Result
Appearance	Grayish white to greenish white powder	Complies
Assay	98.5% - 100.5%	99.3%
Identification	Copper	Positive
Identification	Sulfate	Positive
Mesh Size	Test on 60 mesh: <5% Test between 60-80 mesh: <5% Test between 80-100 mesh: <20% Test through 100 mesh: >75%	Result on 60 mesh: 0.1% Result between 60-80 mesh: 0.4% Result between 80-100 mesh: 0.1% Result through 100 mesh: 99.5%
Loss on Drying	<1.0%	0.0%
Organic Volatile Impurities	Conforms to USP	Complies
Calcium	<0.005%	0.0000%
Iron	<0.003%	0.0016%
Lead	<2.0 ppm	0.01 ppm
Nickel	<0.005%	0.0001%
Potassium	<0.01%	0.0001%
Sodium	<0.02%	0.0002%
Mold/Yeast	<100 cfu/g	Complies
Total Coliforms	Negative	Complies

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](http://www.scbt.com)