



CERTIFICATE OF ANALYSIS

Product Name: **Cupric Sulfate, Pentahydrate**
ACS Grade

Catalog Number: C009 Molecular Formula: $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$
Lot Number: 07122013 Formula Weight: 249.69
CAS Number: 7758-99-8 Storage: 15 to 30°C
Retest Date: 31 July 2018

<u>Test</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Blue Crystals	PASS
Identification	Pass Test	PASS
Purity	98 - 102 %	100.0 %
Insolubles	≤ 0.005 %	0.001 %
Chloride (Cl)	≤ 0.001 %	0.0001 %
Nitrogen Compounds (as N)	≤ 0.002 %	0.001 %
Iron (Fe)	≤ 0.003 %	0.002 %
Sodium (Na)	≤ 0.02 %	0.0006 %
Potassium (K)	≤ 0.01 %	0.0005 %
Calcium (Ca)	≤ 0.005 %	0.003 %
Nickel (Ni)	≤ 0.005 %	0.001 %
Solubility (33%, H ₂ O)	Clear, Blue Solution	PASS
pH (33%, H ₂ O)	Record	3.16

This product meets or exceeds the quality standards established by Caisson Laboratories, Inc.

This product is intended for Laboratory Use Only

Becky Kowallis 7/12/2016
Quality Control