

Certificate of Analysis

Product: Cupric Sulfate Pentahydrate Crystal

Item Number: C3400

Grade: Lab

Lot Number: VLEX-086-19

Manufacture Date: 08/31/2024

Expiration Date: 08/30/2029

Country of Origin: Mexico

Tested Property	Specification	Analysis
Assay (CuSO ₄ ·5H ₂ O)	>/=99.00%	100.08
Assay (Cu)	>/=25.2%	25.47
pH (5% Soln.)	3.0 - 5.0	4.03
Iron	</=1000 ppm	537.73
Lead	</=50 ppm	17.47
Nickel	</=50 ppm	<10
Zinc	</=500 ppm	197.65
Antimony	</=10 ppm	<10
Cadmium	</=3 ppm	<2
Arsenic	</=2 ppm	<0.5
Mercury	</=1 ppm	<0.1
Sodium	</=200 ppm	<200
Tin	</=100 ppm	<80
Barium	</=10 ppm	5
Selenium	</=1 ppm	0.25
Thallium	</=1 ppm	<1
Chromium	</=5 ppm	<2
Fluorine	</=15 ppm	<15
Insoluble in Acid	</=0.005%	<0.005
Particle Size (10 - 20 mesh)	0.850 - 2 mm	Conforms

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Bulk Density

1.03 - 1.16 g/cc

Conforms

This material meets ANSI/AWWA standards and is certified to NSF/ANSI Standard 60. No anticaking agent has been added to this material.

[Cupric Sulfate Pentahydrate Crystal](#)

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

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