

**Certificate of Analysis**

**Product: Cupric Sulfate Pentahydrate, Powder**

**Item Number: C3410**

**Grade: Lab**

**Lot Number: 240807-C**

**Manufacture Date: 06/29/2024**

**Expiration Date: 06/28/2029**

**Country of Origin: Mexico**

<b>Tested Property</b>	<b>Specification</b>	<b>Analysis</b>
Assay (CuSO <sub>4</sub> ·5H <sub>2</sub> O)	>/=99.01%	99.68
Assay (Cu)	>/=25.2%	25.39
Anticaking Agent (MgCO <sub>3</sub> )	0.35-0.70%	0.42
Acid Insolubles	</=0.3%	0.3
Iron	</=250 ppm	71.03
Lead	</=20 ppm	0.8
Nickel	</=10 ppm	3.37
Zinc	</=50 ppm	20.69
Aluminum	</=50 ppm	2.05
Cadmium	</=20 ppm	5.2
Arsenic	</=3 ppm	0.39
Mercury	</=1 ppm	None detected
pH (10% solution)	As reported	4.31
Screen analysis thru 40 mesh	>/=95%	99.15
On 40 mesh	0-5%	Passes
On 100 mesh	60-80%	Passes
On 200 mesh	15%	Passes
Thru 200 mesh	5-15%	Passes
Bulk Density	0.85-1.2 g/cc	Passes

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