Cupric Sulfate (Pentahydrate)

**Appearance:** Blue crystals

**Country of Origin:** Mexico

**Chemical Formula:** \( \text{CuSO}_4 \cdot 5\text{H}_2\text{O} \)

**CAS Number:** 7758-99-8

**Molecular Weight:** 249.68

**Packaging:** 50 lb plastic bag

**Assay:** 99.0% min

**Copper (Cu):** 25.0% min

**Iron:** 0.1% max

**Insolubles:** 0.06%

**Moisture:** 30% at 100 deg C for 1 hr, residual moisture 0.5%

**pH:** 4 in 0.1M soln (24.97 g copper sulfate in 1 liter)

**Shelf Life:** 2 years

This product is certified to NSF/ANSI Standard 60 and meets ANSI/AWWA Standards.

**Typical Heavy Metals (in PPM):**

- As......<0.003
- Mo......<6.7
- Ba...... 1.48
- Cd......<0.25
- Ni......5.9
- Sn...... 3.79
- Co......<0.406
- Se......<0.01
- Mg...... 86.0
- Pb......9.1
- Zn......62.3
- Cr...... 2.31
- Hg......<0.015
- Sb......<2.86
- Ag......<0.39
- Fe......202.4
- Be......<0.75
- Cr...... 2.31

**Crystal Size:** 1-4 MM

**Typical Particle Size Data**

- % retained on No 3 US sieve: 0%
- % retained on No 10 US sieve: 40%
- % passing thru No 100 US sieve: 0.5%

**Bulk Density:** 1.13 G/CC

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**Certificate Date:**

**Shelf Life:** 2 YEARS

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*** PLEASE READ MATERIAL SAFETY DATA SHEET PRIOR TO HANDLING THIS PRODUCT. ***

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