

# Chem-Impex International, Inc.

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## Certificate of Analysis

**Catalogue Number** 30243  
**Lot Number** 002154-2016-034  
**Product** **Copper(II) sulfate pentahydrate**

Cupric sulfate pentahydrate

**CAS Number** 7758-99-8  
**Molecular Formula**  $\text{CuO}_4\text{S}\cdot 5\text{H}_2\text{O}$

**Molecular Weight** 249.7

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**Appearance** Blue crystals  
**Solubility** Clear (10% solution in water).  
**Density** 2.27 g/mL  
**Anion** Chloride (Cl<sup>-</sup>): 0.001%  
**Cation** Iron (Fe): 0.0097%  
Potassium (K): 0.0012%  
Sodium (Na): 0.0028%  
**Assay** 99.59%  
**Application** Used as a source of Cu<sup>2+</sup> ions  
**Storage** Store at RT  
**Remarks** See material safety data sheet for additional information  
For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager