

# *Chem-Impex International, Inc.*

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825 Dillon Drive

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## *Certificate of Analysis*

<b>Catalogue Number</b>	35293
<b>Lot Number</b>	002251-02820
<b>Product</b>	<b>Copper(II) sulfate pentahydrate</b> Cupric sulfate pentahydrate
<b>CAS Number</b>	7758-99-8
<b>Molecular Formula</b>	CuSO <sub>4</sub> •5H <sub>2</sub> O
<b>Molecular Weight</b>	249.7

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<b>Appearance</b>	Blue crystals
<b>Appearance of Solution</b>	Passes test
<b>Anion</b>	Chloride (Cl) : < 0.001%
<b>Cation</b>	Nitrogen compounds (as N) : < 0.002% Calcium (Ca) : 0.0019% Iron (Fe) : 0.0015% Lead (Pb) : < 4 ppm Nickel (Ni) : 0.0026% Potassium (K) : 0.0023% Sodium (Na) : 0.0018%
<b>Loss on Drying</b>	35.2%
<b>Insoluble material</b>	0.003%
<b>Assay</b>	99.47%
<b>Grade</b>	meets USP, BP, EP, FCC specifications
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Identification A : Passes test Substance not ppt'ed by Hydrogen sulfide : < 0.3%

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**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**