



**ChemPure\* Brand  
Chemicals**

...Pure Quality

### Certificate of Analysis

<b>Product:</b>	Cupric Sulfate Pentahydrate ACS/USP/FCC
<b>Cat:</b>	CP-A1420D/CP-B1420D
<b>Lot:</b>	1020701
<b>CAS:</b>	7758-99-8
<b>Molecular Formula:</b>	$\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$
<b>Molecular Weight:</b>	249.68
<b>Manufacture Date:</b>	1/1/16
<b>Retest Date:</b>	12/31/20

#### Test

Appearance  
Assay (on dried basis)  
Identification  
Loss on drying (3 hrs. @ 105°C)  
Insoluble Matter  
Substances not ppt'd by Hydrogen Sulfide  
Chloride  
Nitrogen compounds  
Calcium  
Nickel  
Potassium  
Sodium  
Iron  
Lead

#### Specification

<u>Min.</u>	<u>Max.</u>	<u>Result</u>
Deep blue to blue, triclinic crystals		Complies
98.5%	100.5%	98.95%
To pass test		Passes
33.0%	36.5%	34.11%
	0.005%	0.003%
	0.3%	0.08%
	0.001%	< 0.001%
	0.002%	< 0.002%
	0.005%	0.001%
	0.005%	0.0026%
	0.01%	0.001%
	0.02%	0.001%
	0.003%	0.002%
	0.005%	0.0006%

Quality Control Approval

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