



**ChemPure* Brand
Chemicals**

...Pure Quality

Certificate of Analysis

Product:	Cupric Sulfate Pentahydrate ACS/USP/FCC
Cat:	CP-A1420D/CP-B1420D
Lot:	KA00216
CAS:	7758-99-8
Molecular Formula:	$\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$
Molecular Weight:	249.68
Manufacture Date:	1/1/16
Retest Date:	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
98.0%	102.0%	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%
	4mg/kg	0.4mg/kg

Quality Control Approval

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