

## CERTIFICATE OF ANALYSIS

Item Number	Product Description	Lot Number
CPB-C12150-100GM	CHEMPURE Copper (II) Sulfate Anhydrous, 100 G	190667-245489
Formula	Molecular Weight	CAS Number
CuO <sub>4</sub> S	159.61	7758-98-7

**QC TEST/RELEASE DATE:** 02/28/2023

**SUGGESTED RETEST DATE:** 11/28/2025

S.No	Test	Unit	Specifications	Test Value
1	Appearance		Grayish white to greenish white powder	passed
2	Identification		Positive	passed
3	Assay	%	98.5 - 100.5	99.0
4	Loss on Drying	%	≤ 1.0	0.3
5	Lead	ppm	≤ 2	< 2
6	Sodium (Na)	%	≤ 0.02	< 0.02
7	Potassium (K)	%	≤ 0.01	< 0.01
8	Calcium (Ca)	%	≤ 0.005	< 0.005
9	Iron	%	≤ 0.003	< 0.003
10	Nickel	%	≤ 0.005	< 0.005
11	Residual Solvents		Conforms to USP	Conforms
12	Aerobic Plate Count	CFU/g	≤ 1000	< 1000
13	Yeast and Mold Count	CFU/g	≤ 100	< 100
14	Total Coliforms		Negative	Negative
15	Melamine Free		Melamine Free	passed
16	Grade		USP	passed
17	Country of Origin		USA	USA

This is to certify that samples of the lot number above were tested and found to comply with the stated specifications. Some or all data have been provided by vendors/third parties. ChemPure Brand Chemicals expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular use or purpose. Certain products (USP/FCC/NF/EP/BP/JP grades) are sold for use in research and further manufacturing only. **NOT FOR DIRECT USE IN FOOD, DRUG, HUMANS, ANIMALS OR MEDICAL DEVICES.** Persons using this information should make their own determination regarding its suitability for their particular use.