

Certificate of Analysis

Date of Testing: 2023-01-09 14:19:07
Date of Next Testing: 2027-01-08 14:19:07
Product Name: **Copper sulfate pentahydrate**
CAS Number: 7758-99-8
Specifications & Purity: high-purity
Lot #: A2304366
SKU #: **C112398**
Analysis: **176899**

| Parameter | Limit Values | Result |
|-------------------------|-----------------------|-----------------------|
| Insoluble matter in H2O | 0-0.0002 (%) | 0.00 % |
| Cobalt(Co) | 0-0.00026 (%) | 0.00 % |
| Iron(Fe) | 0-0.003 (ppm) | 0.00 ppm |
| Zinc(Zn) | 0-0.0006 (%) | 0.00 % |
| Nickel(Ni) | 0-0.00025 (%) | 0.00 % |
| (Pb)Lead | 0-10 (%) | 3.50 % |
| Calcium(Ca) | 0-0.00015 (µg/mg) | 0.00 µg/mg |
| (As)Arsenic | 0-10 (%) | 2.25 % |
| Sodium(Na) | 0-0.02 (%) | 0.02 % |
| Aluminum(Al) | 0-0.002 (%) | 0.00 % |
| Assay | 99.5-100 (%) | 100.00 % |
| PH | 3.5-4.5 | 3.59 |
| Potassium(K) | 0-0.01 (%) | 0.00 % |
| Chloride (Cl-) | 0-0.00013 (%) | 0.00 % |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager