

Technical Datasheet

Art.-No.: 2479

Copper(II) sulphate pentahydrate p. a., ACS, ISO, Ph. Eur. (min. 99.0 %)
 $\text{CuSO}_4 \times 5 \text{H}_2\text{O}$

For laboratory use.

| Parameter | Value |
|------------------|----------------|
| Appearance | Blue solid |
| Molar mass | 249.68 g/mol |
| Density | 2.285 g/ml |
| CAS-No. | 7758-99-8 |
| Assay | 99.0 – 101.0 % |
| Arsenic (As) | max. 0.00005 % |
| Calcium (Ca) | max. 0.001 % |
| Cadmium (Cd) | max. 0.001 % |
| Cobalt (Co) | max. 0.001 % |
| Iron (Fe) | max. 0.002 % |
| Potassium (K) | max. 0.001 % |
| Magnesium (Mg) | max. 0.0005 % |
| Sodium (Na) | max. 0.002 % |
| Nickel (Ni) | max. 0.002 % |
| Lead (Pb) | max. 0.002 % |
| Zinc (Zn) | max. 0.001 % |
| Chloride (Cl) | max. 0.001 % |
| Nitrogen (N) | max. 0.001 % |
| Loss on drying | 35.0 – 36.5 % |
| Insoluble matter | max. 0.005 % |