

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Copper (II) Sulphate Pentahydrate 99 % AR

Catalog Number : O-5074

Batch Number : 5074-00000000

CAS Number : 7758-99-8

Molecular Weight : 249.68 g/mol

Mol. Formula : $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$

Expire Date : 60 months

SAMPLE

No	Test	Specifications	Results
1	Appearance	Blue crystals or crystalline powder	Blue crystalline powder
2	Assay (iodometric)	99.0 - 102.0 %	99.59%
3	pH (5 % solution) at 25 °C	3.8 – 4.5	4.2
4	Insoluble matter	max 0.005 %	0.0014%
5	Chloride (Cl)	max 0.001 %	0.00027%
6	Total Nitrogen (N)	max 0.001 %	0.0003%
7	Lead (Pb)	max 0.005 %	0.0036%
8	Nickel (Ni)	max 0.005 %	0.0016%
9	Iron (Fe)	max 0.003 %	0.0008%
10	Zinc (Zn)	max 0.03 %	0.008%
11	Calcium (Ca)	max 0.005 %	0.0023%
12	Sodium (Na)	max 0.005 %	0.0012%
13	Potassium (K)	max 0.001 %	0.0008%

Corresponds to AR/ACS Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specificationSUDIROS S.Si.
Manager QC