

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Copper (II) Nitrate Trihydrate 99.5 % AR

Catalog Number : O-5072

Batch Number : 5072-00000000

CAS Number : 10031-43-3

Molecular Weight : 241.60 g/mol

Mol. Formula : $\text{Cu}(\text{NO}_3)_2 \cdot 3\text{H}_2\text{O}$

Expire Date : 60 Months



No	Test	Specifications	Results
1	Appearance	Blue to very dark blue hygroscopic crystals or powder	Blueish hygroscopic crystals
2	Assay (iodometric)	99.5 – 102.0 %	100.97%
3	Insoluble matter	max 0.01 %	0.002%
4	Chloride (Cl)	max 0.0005 %	0.00006%
5	Sulphate (SO ₄)	max 0.005 %	0.0014%
6	Lead (Pb)	max 0.001 %	0.00012%
7	Nickel (Ni)	max 0.001 %	0.0007%
8	Iron (Fe)	max 0.002 %	0.0003%
9	Zinc (Zn)	max 0.001 %	0.00029%
10	Calcium (Ca)	max 0.005 %	0.0002%
11	Sodium (Na)	max 0.01 %	0.0031%
12	Potassium (K)	max 0.005 %	0.0024%

Corresponds to AR/ACS Grade

LABOTIQ Standard of Product Reference to Annular standard and ACS specification

SUDIRO S.Si.
Manager QC