

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Cobalt (II) Nitrate Hexahydrate 98% AR

Catalog Number : O-5069

Batch Number : 5069 - 00000000

CAS Number : 10026-22-9

Molecular Weight : 291,03 g/mol

Mol. Formula : $\text{CoN}_2\text{O}_6 \cdot 6 \text{H}_2\text{O}$

Expire Date : 60 months



No	Test	Specifications	Results
1	Appearance	Red to very dark red and red-brown and brown-red crystals	Red crystals
2	Assay (complexometric)	98.0 - 102.0 %	99.982%
3	pH (5% Solution)	2.5 - 5.5	5.32
4	Insoluble matter	max 0.01 %	0.006%
5	Chloride (Cl)	max 0.002 %	0.0011%
6	Sulphate (SO ₄)	max 0.005 %	0.0023%
7	Ammonium (NH ₄)	max 0.2 %	0.13%
8	Calcium (Ca)	max 0.005 %	0.0032%
9	Copper (Cu)	max 0.002 %	0.0009%
10	Iron (Fe)	max 0.001 %	0.0007%
11	Lead (Pb)	max 0.002 %	0.0012%
12	Magnesium (Mg)	max 0.005 %	0.0035%
13	Nickel (Ni)	max 0.15 %	0.09%
14	Potassium (K)	max 0.01 %	0.008%
15	Sodium (Na)	max 0.05 %	0.024%
16	Zinc (Zn)	max 0.01 %	0.007%

Corresponds to AR/ACS Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specification



SUDIRO S.Si.
Manager QC