

PT. SMART LAB INDONESIA

MANUFACTURER OF ANALYTICAL REAGENTS

F/QCL/009 Rev.02

CERTIFICATE OF ANALYSIS

Product Name : Cobalt (II) Chloride Hexahydrate AR

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

Mol. Weight : 237.93 g/mol

Catalog No. : A-2150

Cas No : 7791-13-1

Batch No. : Sample COA

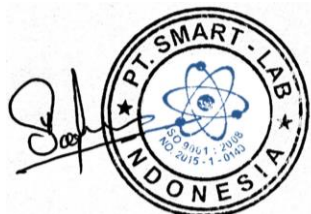
Shelf Life : 60 Months



NO.	TESTS	UNITS	SPECIFICATIONS	RESULTS
1.	Appearance	—	Deep red crystals	Deep red crystals
2.	Assay (complexometric)	wt %	98.0 - 102	100.010
3.	Insoluble matter	wt %	max 0.01	0.006
4.	Nitrate (NO_3)	wt %	max 0.01	0.003
5.	Sulphate (SO_4)	wt %	max 0.01	< 0.01
6.	Calcium (Ca)	wt %	max 0.005	< 0.005
7.	Copper (Cu)	wt %	max 0.002	< 0.002
8.	Iron (Fe)	wt %	max 0.005	0.002
9.	Lead (Pb)	wt %	max 0.002	< 0.002
10.	Magnesium (mg)	wt %	max 0.005	< 0.005
11.	Nickel (Ni)	wt %	max 0.1	< 0.1
12.	Potassium (K)	wt %	max 0.01	< 0.01
13.	Sodium (Na)	wt %	max 0.05	< 0.05
14.	Zinc (Zn)	wt %	max 0.03	< 0.03

Result: The above product corresponds to AR Grade

Reference or standard of product specification to Analar standard and ACS specification



Yuvraj Sagvekar
Manager QC