



Cobalt Chloride Hexahydrate

CERTIFICATE OF ANALYSIS

Identity: Cobalt Chloride Hexahydrate
M.W. : 237.93 gm/mole

Molecular Formula: $\text{CoCl}_2 \cdot 6\text{H}_2\text{O}$
CAS No.: 7791-13-1

Sample information

Solubility: 100%
Appearance – Red to Darke Red Crystalline Powder

Partial size: Uniform

TYPICAL CHEMICAL ANALYSIS

| PARAMETER | SPECIFICATION | TEST METHOD | RESULT |
|---|-----------------------------------|--|-------------|
| Assay (as $\text{CoCl}_2 \cdot 6\text{H}_2\text{O}$) | $\geq 98.0 \%$ | Titrimetric (EDTA) | 99.2 % |
| Cobalt (Co) Content | $\geq 24.0 \%$ | Titrimetric (EDTA) | 24.5 % |
| Solubility | Clear, complete solution in water | USP <631> | Complies |
| Loss on Drying | $\leq 2.0 \%$ | Gravimetric (105°C to constant weight) | 0.8 % |
| Arsenic (As) | $\leq 5 \text{ mg/kg}$ | AAS | < 2 mg/kg |
| Lead (Pb) | $\leq 5 \text{ mg/kg}$ | AAS | < 1 mg/kg |
| Cadmium (Cd) | $\leq 5 \text{ mg/kg}$ | AAS | < 1 mg/kg |
| Mercury (Hg) | $\leq 1 \text{ mg/kg}$ | AAS | < 0.1 mg/kg |
| Water Insoluble Matter | $\leq 0.5 \%$ | Gravimetric Filtration | 0.2 % |

POSSIBLE APPLICATION

- Animal Feeds, Pharmaceutical, Nutrition.

PACKING

STANDARDNet 50 kg Plastic bags with inner liner OptionsNet 25 kg

NOTE:

- (1) Quality of our product tested and reported in the COA are as per the specification and without any prejudice/liability what so ever the end product performance.
- (2) Any quality deviation must be brought to our notice within 10 days from the date of delivery of the material at Customer's end. No quality deviations will be entertained after 10 days which please note. In case of advance payments the quality issues if any should be reported within 7 days from the date of receipt of the material for appropriate action.