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Certificate of Analysis

Product **88282 - Cobalt (II) Chloride Hexahydrate extrapure AR, ACS, ExiPlus, Multi-Compendial, 99% - [7791-13-1]**

Batch No **3019182**

Analysis Date 20-Mar-2024

Date of Manufacture March 2024

Expiry Date/Re-Test Date March 2029

Molecular Formula $\text{CoCl}_2 \cdot 6\text{H}_2\text{O}$

Molecular Weight 237.93

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of USP, BP, Ph.Eur	Passes
Appearance (Colour)	Pink to red	Pink
Appearance (Form)	Crystalline compound	Crystalline compound
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Red	Red
Assay (Complexometric)	min. 99%	99.4%
Insoluble matter	max. 0.01%	0.008%
Sulphate (SO ₄)	max. 0.005%	Passes
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Nitrogen Compounds (N)	max. 0.003%	Passes
Calcium (Ca)	max. 0.005%	Passes
Copper (Cu)	max. 0.002%	Passes
Magnesium (Mg)	max. 0.005%	Passes
Nitrate (NO ₃)	max. 0.01%	Passes
Nickel (Ni)	max. 0.1%	Passes
Potassium (K)	max. 0.01%	Passes
Sodium (Na)	max. 0.05%	Passes
Zinc (Zn)	max. 0.03%	Passes

FRM/82/11/4/88282 Rev No. 4 Date 17/10/2022

Prepared by Dnyaneshwar

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Taloja – 410 208, Maharashtra, India

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

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