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PVT. LTD.**

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## Certificate of Analysis

<b>Product</b>	<b>75141 - Cobalt (II) Acetate Tetrahydrate extrapure AR, ACS, ExiPlus, Multi-Compendial, 99% - [6147-53-1]</b>
<b>Batch No</b>	<b>9054403</b>
<b>Analysis Date</b>	17-Apr-2024
<b>Date of Manufacture</b>	April 2024
<b>Expiry Date/Re-Test Date</b>	April 2029
<b>Molecular Formula</b>	(CH <sub>3</sub> COO) <sub>2</sub> Co.4H <sub>2</sub> O
<b>Molecular Weight</b>	249.09

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of BP	Passes
Appearance (Colour)	Dark pink to red	Dark pink
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Insoluble matter	max. 0.01%	0.005%
Assay (EDTA Titration)	min. 99%	99.73%
pH (5% aq. solution)	6.0 - 8.0	6.63
Chloride (Cl)	max. 0.001%	Passes
Sulphate (SO <sub>4</sub> )	max. 0.005%	Passes
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Sodium (Na)	max. 0.01%	Passes
Potassium (K)	max. 0.01%	Passes
Magnesium (Mg)	max. 0.005%	Passes
Nickel (Ni)	max. 0.1%	Passes
Zinc (Zn)	max. 0.01%	Passes
Nitrate (NO <sub>3</sub> )	max. 0.01%	Passes
Calcium (Ca)	max. 0.005%	Passes
Copper (Cu)	max. 0.002%	Passes

FRM/82/11/4/75141 Rev No. 2 Date 26/12/2022

Prepared by **Prajakta**

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Talaja – 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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