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# Certificate of Analysis

**Product** **53174 - Zinc Acetate Dihydrate extrapure AR, ACS, ExiPlus, Multi-Compendial, 99.5% - [5970-45-6]**

**Batch No** **8715629**

**Analysis Date** 24-Dec-2023

**Date of Manufacture** December 2023

**Expiry Date/Re-Test Date** December 2028

**Molecular Formula** Zn(CH<sub>3</sub>.COO)<sub>2</sub>.2H<sub>2</sub>O

**Molecular Weight** 219.50

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of USP, BP, Ph.Eur	Passes
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (EDTA Titration)	min. 99.5%	99.6%
Insoluble matter	max. 0.005%	0.002%
pH (5% aq. solution)	6.0 - 7.0	6.5
Chloride (Cl)	max. 0.0005%	Passes
Sulphate (SO <sub>4</sub> )	max. 0.005%	Passes
Iron (Fe)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Copper (Cu)	max. 0.0005%	Passes
Nitrogen Compounds (N)	max. 0.002%	Passes
Sodium (Na)	max. 0.001%	Passes
Magnesium (Mg)	max. 0.005%	Passes
Calcium (Ca)	max. 0.005%	Passes
Potassium (K)	max. 0.01%	Passes

FRM/82/11/4/53174 Rev No. 1 Date 01/11/2015

Prepared by Dnyaneshwar

In compliance with the standard specifications of SRL

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

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1/1

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