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Certificate of Analysis

Product	70214 - Calcium Acetate Monohydrate extrapure AR, 99% - [5743-26-0]
Batch No	3955319
Analysis Date	02-Jul-2024
Date of Manufacture	July 2024
Expiry Date/Re-Test Date	July 2029
Molecular Formula	Ca(C ₂ H ₃ O ₂) ₂ .H ₂ O
Molecular Weight	176.19

Test Parameters	Standards	Actual Results
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%	99.5%
pH (5% aq. solution)	7.0 - 9.0	7.3
Chloride (Cl)	max. 0.0005%	Passes
Sulphate (SO ₄)	max. 0.001%	Passes
Iron (Fe)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Copper (Cu)	max. 0.0005%	Passes
Sodium (Na)	max. 0.005%	Passes
Potassium (K)	max. 0.002%	Passes

FRM/82/11/4/70214 Rev No. 2 Date 05/06/2022

Prepared by Yogesh

In compliance with the standard specifications of SRL

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

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