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Certificate of Analysis

Product **21606 - Calcium Acetate Monohydrate extrapure AR, ACS, ExiPlus, Multi-Compendial, 99% - [5743-26-0]**

Batch No **4826093**

Analysis Date 15-Oct-2023

Date of Manufacture October 2023

Expiry Date/Re-Test Date October 2028

Molecular Formula Ca(C₂H₃O₂)₂.H₂O

Molecular Weight 176.19

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of USP	Passes
Appearance (Colour)	White	White
Appearance (Form)	Crystalline compound	Crystalline compound
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (EDTA Titration)	min. 99%	99.2%
Insoluble matter	max. 0.005%	0.001%
pH (5% aq. solution)	7.0 - 9.0	7.77
Alkalinity	Passes test	Passes
Titration acid	max. 0.035 meq/g	0.025 meq/g
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
Strontium (Sr)	max. 0.05%	Passes
Magnesium (Mg)	max. 0.05%	Passes
Barium (Ba)	max. 0.01%	Passes

FRM/82/11/4/21606 Rev No. 2 Date 05/06/2022

Prepared by **Prajakta**

In compliance with the standard specifications of SRL

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

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