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## Certificate of Analysis

**Product** **58056 - Calcium Acetate Hydrate extrapure AR, 99% - [114460-21-8]**  
**Batch No** **8182259**  
**Analysis Date** 27-Jul-2023  
**Date of Manufacture** July 2023  
**Expiry Date/Re-Test Date** July 2028  
**Molecular Formula** (CH<sub>3</sub>COO)<sub>2</sub>Ca.xH<sub>2</sub>O  
**Molecular Weight** 158.17 (anhy)

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 5% aq. solution	Clear to slight opalescent	Clear
Solubility (Colour) 5% aq. solution	Colourless	Colourless
Assay (EDTA Titration)	min. 99% (dry basis)	99.8%
pH (5% aq. solution)	7.0 - 9.0	8.6
Chloride (Cl)	max. 0.001%	Passes
Sulphate (SO <sub>4</sub> )	max. 0.002%	Passes
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Water (KF)	max. 14%	6.00%

FRM/82/11/4/58056 Rev No. 1 Date 09/12/2020

Prepared by Prasad

In compliance with the standard specifications of SRL

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

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