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Certificate of Analysis

Product	85610 - Calcium Hydroxide extrapure AR, 96% - [1305-62-0]
Batch No	2379511
Analysis Date	06-Nov-2023
Date of Manufacture	November 2023
Expiry Date/Re-Test Date	November 2028
Molecular Formula	Ca(OH) ₂
Molecular Weight	74.09

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Fine powder	Fine powder
Solubility (Turbidity) 10% solution 5N HCl	Clear	Clear
Assay (HCl titration)	min. 96%	96%
Carbonate (CO ₃)	max. 3%	3%
Acid insoluble matter	max. 0.02%	0.02%
Chloride (Cl)	max. 0.03%	Passes
Sulphate (SO ₄)	max. 0.01%	Passes
Iron (Fe)	max. 0.015%	Passes
Heavy Metals (Pb)	max. 0.002%	Passes
Sodium (Na)	max. 0.005%	Passes

FRM/82/11/4/85610 Rev No. 3 Date 25/05/2023

Prepared by Amruta

In compliance with the standard specifications of SRL

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

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