



**SISCO  
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PVT. LTD.**

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## Certificate of Analysis

**Product** 74471 - Calcium Hydroxide extrapure AR, ACS, ExiPlus, Multi-Compendial, 96% - [1305-62-0]  
**Batch No** 4255816  
**Analysis Date** 04-Feb-2024  
**Date of Manufacture** February 2024  
**Expiry Date/Re-Test Date** February 2029  
**Molecular Formula** Ca(OH)<sub>2</sub>  
**Molecular Weight** 74.09

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of USP, BP, Ph.Eur	Passes
Appearance (Colour)	White	White
Appearance (Form)	Fine powder	Fine powder
Solubility (Turbidity) 10% solution 5N HCl	Clear	Clear
Assay (HCl titration)	min. 96%	96.8%
Carbonate (CO <sub>3</sub> )	max. 3%	1.8%
Acid insoluble matter	max. 0.03%	0.001%
Chloride (Cl)	max. 0.03%	Passes
Sulphate (SO <sub>4</sub> )	max. 0.01%	Passes
Iron (Fe)	max. 0.015%	Passes
Heavy Metals (Pb)	max. 0.002%	Passes
Sodium (Na)	max. 0.005%	Passes
Magnesium (Mg)	max. 0.5%	Passes
Potassium (K)	max. 0.05%	Passes
Strontium (Sr)	max. 0.05%	Passes
Arsenic (As)	max. 0.0004%	Passes

FRM/82/11/4/74471 Rev No. 3 Date 25/05/2023

Prepared by **ThakurRohit**

In compliance with the standard specifications of SRL

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

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