

Certificate of Analysis

Product: Calcium Hydroxide
Item Number: CAHYGL
Grade: Lab
Lot Number: 5001471/5.1
Manufacture Date: 07/28/2025
Expiration Date: 06/28/2030
Country of Origin: India

Tested Property	Specification	Analysis
Appearance	A white powder with an alkaline and slight bitter taste	Pass
Solubility	Soluble in glycerin; slightly soluble in water; insoluble in alcohol	Pass
Identification	The magma is alkaline to litmus and positive for Calcium	Pass
Limit of acid-insoluble substances	NMT 0.5%	0.22%
Limit of Magnesium and alkali salts	NMT 4.8%	2.82%
Carbonate	There is not more than a slight effervescence	Pass
Assay	95.0-100.05%	97.10%
Lead	Max 10 ppm	<10
Arsenic	NMT 3.0 ppm	<3.0
Fluoride	NMT 0.005%	<0.005%
Heavy metals	NMT 0.004%	<0.004%
Bulk Density	0.25 to 0.45 gm/ml	0.35

Store in a cool, dry, and well-ventilated place.
CAS RN: 1305-62-0

[Calcium Hydroxide](#)

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are

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