

Certificate of Analysis

Product: Calcium Oxide
Item Number: CAOXGL
Grade: Lab
Lot Number: 5001471/4.1
Manufacture Date: 07/11/2025
Expiration Date: 06/11/2030
Country of Origin: India

Tested Property	Specification	Analysis
Description	White crystalline granular powder or granules.	Pass
ID A: Reaction with water	A lime smooth magma forms and is alkaline to litmus.	Pass
ID B: Reaction to Calcium	To comply the test	Pass
Assay	NLT 95.0%	97.04%
Solubility	Soluble in glycerin and water but insoluble in alcohol	Pass
Lead	NMT 10 ppm	<10
Arsenic	NMT 3.0 ppm	<3.0
Acid insoluble substances	NMT 1.0% (50mg)	0.78%
Fluoride	NMT 0.005%	<0.005%
Heavy metals	NMT 0.004%	<0.004%
Magnesium and Alkali salts	NMT 9 mg	<9
Carbonates	Only slight effervescences produced	Pass
Loss on Ignition (LOI)	NMT 10.0%	5.79%
Bulk Density	0.5 to 0.8 gm/mL	0.71

Store in a cool, dry, and well-ventilated place.
 CAS RN: 1305-78-8

Calcium Oxide

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory

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