

Certificate of Analysis

Product: Calcium Hydroxide
Item Number: CAHYGU
CAS#: 1305-62-0
Grade: USP/FCC
Lot Number: 5002337/4.1
Manufacture Date: 06/30/2026
Expiration Date: 06/29/2029
Country of Origin: India

Tested Property	Specification	Analysis
Appearance	A white powder with a alkaline and slight bitter taste	Pass
Solubility	Soluble in glycerin and syrup	Pass
	Slightly soluble in water, insoluble in alcohol	Pass
Identification A	The magma is alkaline to litmus	Pass
Identification B	Positive for Calcium	Pass
Acid Insoluble Substances	NMT 0.5%	0.24%
Magnesium and Alkali Salts	NMT 4.8%	2.80%
Fluoride	NMT 0.005%	<0.005%
Lead	NMT 10 ppm	<10 ppm
Carbonate	Analysis does not cause more than slight effervescence	Pass
Assay (as is)	95 - 100.5%	97.12%
Arsenic	NMT 3 ppm	<3 ppm
Heavy Metals	NMT 0.004%	<0.004%
Bulk Density	NLT 0.25 gm/mL	0.385 gm/mL
Tapped Density	NLT 0.55 gm/mL	0.694 gm/mL
Particle Size Distribution	NMT 1.0% Retention on 200 Mesh	0.80%

Store in a cool, dry, and well-ventilated place.

Phone: 512-668-9918, Fax: 512-886-4008,
E-mail: customercare@laballey.com,
www.laballey.com,

12501 Pauls Valley Road, Suite A, Austin, Texas 78737,
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[Calcium Hydroxide](#)

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