

PRODUCT SPECIFICATION SHEET

Calcium Hydroxide, Lab Grade

Product Specification (CAS RN: 1305-62-0)

Test	Specification	Typical Results
Appearance	A white powder possessing an alkaline and slight bitter taste.	Complies
Assay	95.0-100.5%	97.10
Identification A	The magma is alkaline to litmus	Complies
Identification B	Positive for Calcium	Complies
Solubility	Soluble in glycerin and in syrup; slightly soluble in water; very slightly soluble in boiling water; insoluble in alcohol.	Complies
Impurities A: Limit of acid insoluble substances	NMT 0.5%	0.22
Impurities B: Limit of Magnesium and alkali salts	NMT 4.8%	2.82
Impurities C: Lead	Not more than 10.0 ppm	<10
Impurities D: Arsenic	NMT 3.0 ppm	<3
Impurities E: Fluoride	NMT 0.005%	<0.005
Impurities F: Heavy metals	NMT 0.004%	<0.004
Carbonate	The analysis does not cause more than a slight effervescence.	Complies

Appropriate/legal use of this product is the responsibility of the user.

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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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