



PRODUCT SPECIFICATION SHEET

Calcium Hydroxide, USP/FCC Grade

Product Specifications (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 ppm
Impurities D: Arsenic	NMT 3.0 ppm	<3 ppm
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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