SPECIFICATIONS
GRADE: FOOD GRADE

PRODUCTS NAME	**:**	**CALCIUM HYDROXIDE FOOD GRADE**
CAS NO.	**:**	**1305-62-0**

Sr. No.	TEST PARAMETER	SPECIFICATION
1.	Description	White Powder
2.	Solubility	One gram dissolves in 630 mL of water at 25, and in 1300 mL of boiling water. It is soluble in glycerin and in a saturated solution of sucrose but insoluble in alcohol.
3.	**Identification A** The clear, supernatant liquid from the magma is alkaline to litmus **Identification B** Positive Test for Calcium	To Pass Test To Pass Test
4.	Assay of $Ca(OH)_2$	NLT 95.0 % and NMT 100.50 %
5.	Acid-Insoluble Substance	NMT 0.5 %
6.	Arsenic	NMT 3 mg/kg
7.	Carbonate as $CaCO_3$	To Pass Test
8.	Fluoride	NMT 0.005%
9.	Lead	NMT 2 mg/kg
10.	Magnesium Alkali Salts	NMT 4.8 %