

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	36994
<b>Product</b>	<b>Calcium hydroxide, Ultra pure, FCC, Powder,</b> Calcium hydroxide, Ultra pure, FCC, Powder, Low heavy metals (Al: Carboxide
<b>CAS Number</b>	1305-62-0
<b>Molecular Formula</b>	Ca(OH) <sub>2</sub>
<b>Molecular Weight</b>	74.1
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<b>Appearance</b>	Fine, white powder
<b>Anion</b>	Carbonate : To pass test Fluoride : ≤ 0.005%
<b>Cation</b>	Lead : ≤ 1 ppm Aluminum : ≤ 2 ppm Manganese : ≤ 10 ppm Arsenic : ≤ 1 ppm Cadmium : ≤ 1 ppm Mercury : ≤ 0.1 ppm Barium : < 300 ppm
<b>Yeast and Mold</b>	≤ 100 cfu/g
<b>Coliform Organisms</b>	Negative
<b>Microbial Count</b>	≤ 1000 cfu/g (APC)
<b>Insoluble material</b>	Acid-insoluble substances : ≤ 0.5%
<b>Assay</b>	95.0 - 100.5%
<b>Grade</b>	FCC
<b>Application</b>	Nutrient; Dietary Ingredient
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Magnesium and alkali salt : ≤ 2.7% Identification A, B : To pass test

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**For Laboratory Use Only**