

Name of Material	:	Calcium Hypochlorite
Manufacturer	:	NA
Supplier	:	NA
Country of Origin	:	NA
Batch/Lot No.	:	NA
MFG Date	:	NA
EXP Date	:	NA
Challan No.	:	NA
QA Ref. No.	:	NA
QRN Ref. No.	:	NA
Qty. Supplied	:	NA
Date of Received	:	NA
Date of Testing	:	NA
Date of Reporting	:	NA

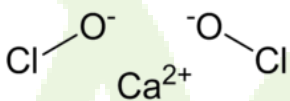
SN	Description	Specification	Results
01	Physical appearance	A dull white powder	
02	Color	White	
03	Flavor	Characteristic	
04	Solubility	Partly soluble in water and in Ethanol (96 %)	
05	Identification	Must be comply to BP	
06	Assay (as Chlorine)	57.00 % - 63.00 % [65 – 73%]	

Remarks	
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Decision	<input type="checkbox"/>	Accepted	<input type="checkbox"/>	Rejected
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Tested By **Checked By** **Approved By**

Other Related Information

Name of Material	Calcium Hypochlorite
Others Name	Calcium Hypochlorite Bleaching Powder Hypochlorous acid calcium salt Calcium Oxychloride Chloride of Lime.
Chemical Composition	Ca(OCl) ₂ 
Molar Mass	142.98 mg/mol
Density	2.35 gm/cm ³
Melting Point	100 C
Boiling Point	175 C
Others Information	<ul style="list-style-type: none"> - Calcium hypochlorite is an inorganic compound with formula Ca(OCl)₂. - The compound is relatively stable & has greater available Chlorine than Sodium Hypochlorite. - It strongly smells of Chlorine. - It decomposes slowly in moist air. - Commercial substances are sold with a purity of 65 – 73%.
Function in Food Process	<ul style="list-style-type: none"> - In food industry it is used for disinfection. - Bleaching powder is used in foot bath, hand bath for disinfection. - Bleaching powder is also used in Water Treatment Plant for primary disinfection of underground water. - Bleaching powder is also used in public swimming pools & to disinfect drinking water.