



# Calcium Chloride 94-97% Powder

## Product Specifications Sheet

### Anhydrous

**Formula:** CaCl<sub>2</sub>  
**Description:** Odorless, White Powder  
**Grades:** Powder  
**Gov't/Ind Stds:** ASTM 98-93, Type 1 (Fed Spec O-C 105D)

### Chemical Properties

Item	Limit		Unit		
Calcium Chloride	Min	94	%		
Total Alkali Chlorides (as NaCl)	Max	5.0	%		
Total Magnesium (as MgCl <sub>2</sub> )	Max	0.50	%		
Iron (as Fe)	Max	0.005	%		
pH	Min	9	Max	10	pH
Calcium Hydroxide	Max	0.20	%		
Calcium Carbonate	Max	0.25	%		
Sulfate	Max	0.20	%		
Heavy Metals (as Pb)	Max	0.005	%		
Water Insolubles	Max	0.150	%		
Other Impurities (not including H <sub>2</sub> O)	Max	1.0	%		

Physical Properties	Value
Molecular weight	121.99
Bulk Density (lb. per cu. Ft.)	65
Color	White

Typical Particle Size	Percent
3/8"	100
US #4	100
US #8	98
US #12	94
US #20	50
US #30	20

### Calcium Chloride Shelf Life

When properly stored to protect from moisture contact, the expected shelf life for all calcium chloride packaged products is 36 months.