



Calcium Chloride 94-97% Powder

Product Specifications Sheet

Anhydrous

Formula:	CaCl ₂
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 ₂)	Max	0.50	%
Iron (as Fe)	Max	0.005	%
pH	Min	9	Max 10
Calcium Hydroxide	Max	0.20	%
Calcium Carbonate	Max	0.20	%
Sulfate	Max	0.20	%
Heavy Metals (as Pb)	Max	0.005	%
Water Insolubles	Max	0.150	%
Other Impurities (not including H ₂ 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.