



Product name:

Calcium chloride dihydrate

Synonyms: calcium dichloride, E509

CAS number: 10035-04-8

<i>General information:</i>		
	Chemical formula: $\text{CaCl}_2 \cdot 2 \text{H}_2\text{O}$	Molar Mass: 147.02 g/mol
	Appearance: White powder	Density: 1.85 g/cm ³ (20 °C)
	Solub. in water: 1000 g/l (20 °C)	Melting point: ~ 176 °C
	Boiling point: N/A	Cautions: Irritant
	Storage temp.: Below +30 °C	S: 22-24
	R: 36	EC-Index-No: 017-013-00-2
	HS-No.: 2827 20 00	

Hazard Symbol



Safety Information

Grade

Laboratory

<i>Specification:</i>				
Assay			99.0 – 107.0	%
Identification(calcium)			Conforms	
Identification(chloride)			Conforms	
pH (5% in H ₂ O)			4.5 – 9.2	
Aluminum + Iron + Phosphate			Conforms	
Aluminum	≤	1		ppm
Limit of magnesium and alkali salts	≤	1		%
Elemental Impurities & Heavy Metals	See COA			
Residual solvents	See COA			

Ordering code	1 kg		5 kg	10 kg	20 kg
P.E.	410.05.01000.02		410.05.05000.02	410.05.10000.03	
Glass					