

Product Name**Calcium chloride dihydrate****Grade: Laboratory****Synonyms**

calcium dichloride, E509

CAS Number

10035-04-8

General Information

Chemical formula:	CaCl ₂ . H ₂ 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
pH value:	4.5-6.5 (100 g/l , H ₂ O)	Boiling point:	N/A
Storage temp.:	Below +30 °C	Cautions:	Irritant
R:	36	S:	22-24
HS-No.:	2827 20 00	EC-Index-No.:	017-013-00-2

**Hazard Symbol****Specification**

Assay		99.0 - 107.0	%
Identification(calcium)		Conforms	
Identification(chloride)		Conforms	
PH (5% in H ₂ O)		4.5 - 9.2	
Heavy metals (as Pb)	≤	10	ppm
Aluminum + Iron + Phosphate	≤	1	ppm
Limit of magnesium and alkali salts	≤	1	%

Ordering Information

Volume:	1 Kg	2.5 Kg	5 Kg	10 Kg	20 Kg
Plastic	410.05.01000.02	–	410.05.05000.02	410.05.10000.02	–
Glass	–	–	–	–	–