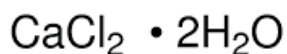


Product Information

CALCIUM CHLORIDE DIHYDRATE 99 % AR

(meet analytical spec.of USP)



Product Code	O-5057	Grade	Analytical Reagent
Purity	99 %	CAS No	10035-04-8
Molecular Formula	CaCl ₂ · 2 H ₂ O	Molecular Weight	147.02 g/mol
H.S.Code	2827.2000	Shelf Life	60 Months

Physical Properties

Physical state	Solid	Density	1,85 g/cm ³ at 20 °C
Odour	White	Vapor pressure	0,01 hPa at 20 °C
pH value	4,5 - 9,2 at 50 g/l at 20 °C	Solubility in water	745 g/l at 20 °C

Packaging

500 gram

Specification

Appearance	White hygroscopic crystalline powder
Assay (complexometric)	99.0 - 105.0 %
Solubility	Freely soluble in water, in alcohol and in boiling alcohol, very soluble in boiling water
Identification	to comply USP test
pH (5% solution in water ; 25°C)	4.5 - 8.5
Free acid (as HCl)	max 0.005%
Free alkali (as CaO)	max 0.005%
Insoluble matter (10% in water)	max 0.01 %
Sulphate (SO ₄)	max 0.01 %
Ammonium (NH ₄)	max 0.005 %
Aluminium (Al)	max 0.0001 %
Arsenic (As)	max 0.0003 %
Heavy metals (as Pb)	max 0.0005 %
Iron, aluminium & phosphate	to comply USP test
Barium (Ba)	max 0.005 %
Iron (Fe)	max 0.001 %
Potassium (K)	max 0.01 %
Magnesium (Mg)	max 0.005 %
Magnesium & alkali salt	max 0.5 %

Sodium (Na)	max 0.02 %
Strontium (Sr)	max 0.1 %
Oxidizing substances (as NO ₃)	max 0.003 %

Safety Information and Hazard Symbols



Symbol: GHS07

Signal Word: warning

UN No.: not available

IMCO Class No.: not available

Packing Group: not available

Hazardous Statement: H319

Precaution Statement: P264-P280-P305+P351+P338-P337+P313