

291 – CALCIUM CHLORIDE (DIHYDRATE), EXTRA PURE

REF NO: TBL/QA/SS/LC/291	STANDARD SPECIFICATION FOR CALCIUM CHLORIDE (DIHYDRATE), EXTRA PURE	Rev. No: 03
Issue No: 04		Review Date: 28/10/2024
Issue Date: 29/10/2021		Product code: 291

PRODUCT PROPERTIES

C.A.S Number	10035-04-8
Chemical Formula	CaCl ₂ .2H ₂ O
Formula weight	147.02
Functional Uses	Calcium Chloride (Dihydrate) is used in various industries as cement, food, construction, mining, paper and petroleum and as laboratory reagent.
Standard Packaging	500 gm, 5 Kg, 50 Kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White color flakes.
Solubility	Soluble in water.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (1M in H ₂ O, 25°C)	5.0 – 8.0
Sulphate (SO ₄)	NMT – 0.005%
Iron (Fe)	NMT – 0.0005%
Lead(Pb)	NMT – 0.0005%
Assay	NLT – 99.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

