

## 587 – CALCIUM CHLORIDE (ANH), EXTRA PURE

REF NO: TBL/QA/SS/LC/587	STANDARD SPECIFICATION FOR CALCIUM CHLORIDE (ANH), EXTRA PURE	Rev. No: 03
Issue No: 04		Review Date: 25/10/2024
Issue Date: 26/10/2021		Product code: 587

### PRODUCT PROPERTIES

C.A.S Number	10043-52-4
Chemical Formula	CaCl <sub>2</sub>
Formula weight	110.98
Functional Uses	Calcium chloride is a commonly used reagent in biochemistry. Calcium plays important roles in many biological processes, including signal transduction, muscle contraction, and maintenance of cell membrane and cell wall stability.
Standard Packaging	500 gm

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White color powder.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH	8.0 – 10.0
Water insoluble matter	NMT - 0.2%
Alkalinity (as Ca(OH) <sub>2</sub> )	NMT – 0.5%
Assay	NLT - 92.0%

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

