

290 – CALCIUM CHLORIDE (FUSED), EXTRA PURE

REF NO: TBL/QA/SS/LC/290	STANDARD SPECIFICATION FOR CALCIUM CHLORIDE (FUSED), EXTRA PURE	Rev. No: 03
Issue No: 04		Review Date: 08/11/2024
Issue Date: 09/11/2021		Product code: 290

PRODUCT PROPERTIES

C.A.S Number	10043-52-4
Chemical Formula	CaCl ₂
Formula weight	110.98
Functional Uses	<p>It may be used in the following processes:</p> <ul style="list-style-type: none"> • Modification of natural zeolite to increase its ability of fluoride removal. • Synthesis of calcium sulfate whiskers utilized in making polymer reinforcing composite materials. • Synthesis of calcium chloride-anodized aluminum composites, a solid sorbent. • As an extractant in the soil analysis process. • As a catalyst in the synthesis of aldols by reacting dimethylsilyl (DMS) enolates with aldehydes.
Standard Packaging	500 gm, 5 Kg & 25 Kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White color solid masses.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Lead (Pb)	NMT – 0.0005%
Iron (Fe)	NMT – 0.0005%
Assay	NLT – 70.0%

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

