

TECHNICAL DATA SHEET

Calcium Chloride CaCl₂

Note: Calcium chloride is an inorganic compound, a salt with the chemical formula CaCl₂.

Uses: Drilling mud, Completion Fluids, Concrete Accelerator, Packer Fluid, Workover Fluid, De-icing and freezing-point depression, Road surfacing,

No	REQUIREMENT	UNIT	SPECIFICATION	SPECIFICATION
1	Purity of Calcium Chloride (CaCl ₂) _%W (Anhydrous)	Min 98	Min 98	ISIRI-364
2	Fluoride (F-)_%W	Max 1	Max 0.6	ISIRI-364
3	pH	Max 0.06	Max 0.02	ISIRI-364
4	Insoluble in Acid_%W	Max 0.01	Max 0.005	ISIRI-364
5	Mg and Magnesium Salts (Anhydrous)_%W	Max 0.02	Max 0.005	ISIRI-364
6	Appearance	Max 30	Max 20	ISIRI-364
7	Total Alkali (as NaCl)_%W Relative to Active Substance CaCl ₂	Max 0.1	0	ISIRI-364
8	Total Magnesium (as MgCl ₂)_%W Relative to Active Substance CaCl ₂	Max 20	Max 20	ISIRI-364
9	Ca(OH) ₂ _%W Relative to Active Substance CaCl ₂	Max 20	Max 20	ISIRI-364