



Reference : SS/CCL.012
Issue No. : 2
Dated : 31.03.2014

sales specification

CALCIUM CHLORIDE 36% SOLUTION PFR FOOD GRADE

PRODUCT DESCRIPTION

Calcium Chloride solution is supplied as a clear solution of CaCl₂ in water, which meets or exceeds the chemical purity requirements of The Food Chemical Codex, 7th. Edition 2011 and EU Food Additive Regulation 231/2012 (E509).

CHEMICAL PROPERTIES

Calcium Chloride	CaCl ₂	%w/w	:	35.0	MIN.
pH			:	4 - 7	
Magnesium & Alkali Salts*	Mg	%w/w	:	5	MAX.
Sulphate	SO ₄	%w/w	:	0.04	MAX.
Barium	Ba	%w/w	:	0.03	MAX.
Iron	Fe	mg/kg	:	2	MAX.
Copper *	Cu**	mg/kg	:	2	MAX.
Zinc *	Zn**	mg/kg	:	2	MAX.
Fluoride*	F	mg/kg	:	10	MAX.
Arsenic *	As	mg/kg	:	0.03	MAX.
Lead *	Pb	mg/kg	:	2	MAX.
Mercury *	Hg	mg/kg	:	0.03	MAX.

* on anhydrous basis

** sum Cu and Zn max. 50 mg/kg

PHYSICAL PROPERTIES

Density		kg/m ³	:	1350	MIN.
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