

Calcium chloride liquid – food grade (34 – 36%)

Chemical name: Calcium chloride

Chemical formula: CaCl₂

General description: It is a clear, colourless or slightly yellowish liquid, strongly hygroscopic, freely mixed with water.

Specifications:

Parameters	Units	Guaranteed	Measured	Methodology No.
CaCl ₂	%	34 - 36	YES	Pp3_1.20
pH	-	8,0 - 9,5	YES	Pp3_1.4
Clarity	%	max. 0,03	YES	Pp3_1.20
Density (20°C)	kg.m ⁻³	min. 1350	YES	Pp3_1.3
Mg + alkali salts	%	max. 1,5	YES	Analysed by external laboratory
Fe	mg.kg ⁻¹	max. 10,0	YES	
F ⁻	mg.kg ⁻¹	max. 13,0	YES	
As	mg.kg ⁻¹	max. 3,0	YES	
Pb	mg.kg ⁻¹	max. 2,0	YES	
Hg	mg.kg ⁻¹	max. 1,0	YES	

Packaging: 200 l PE barrels, 1000 l PE containers or in bulk in railway tanks or tank trucks.

Applications: It is used as additive into the foodstuffs (a stabilising and thickening agent), dairy products and cheeses (increases the calcium content), beverages (keeps the water quality), processing and storing of fruits and vegetables, the production of tartaric acid.

Storage: Store in an original, undamaged and well-closed package or large scale tanks made of steel covered with a protective layer of polymers, plastics, fibreglass, glass or ceramics.

Date of update: 1. 10. 2014