

# CC farm® 77%

Calcium chloride agro grade flakes

Material no.: 29011  
Vendor no.: 87804  
Approved by.: AT  
Antti Takala

CC  
farm®

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## General Description

CC farm® agro grade is produced with special attention to quality and consistency. As a feed material it complies with EC 2002/32 and EC 2009/767. For fertilization it complies with EC 2003/2003. To ensure that the product meets our stringent demands, comprehensive analysis techniques are employed before the product is shipped. A Certificate of Analysis is provided with this product.

## Applications

The superior water solubility and biological availability make CC farm® a top ranked calcium and chloride source. It is used in different applications within the agricultural industries:

- As a highly water soluble calcium source for the formulation of liquid fertilizers and for fertigation.
- For the preparation of fruit dips in the washing water for quick uptake of calcium and reduction of storage diseases.
- As an acidifying salt to reduce DCAB in feed for prevention of milk fever.
- As an ingredient in drinking water for chicken to provide calcium for the bone and egg shell structure, and to alleviate heat stress by improving the mineral/salt balance.
- As a manure additive to reduce pH and ammonia volatilization.

For more information on applications, please visit:  
[www.tetrachemicals.com](http://www.tetrachemicals.com)

## Availability & Packaging

CC farm® 77% is produced in Finland. The product is available worldwide in the packaging options shown in this PDS.

## Safety and Handling

Before using this product, refer to the MSDS available on our website. CC farm® is a hygroscopic product and should be stored indoors on pallets at normal temperatures. If stored according to recommendations, the shelf life is two (2) years.

## CC farm® Packaging

Package	Dimensions LxWxH	Units
25 kg Bag	1080x1070x1050	42/Pallet
1000 kg Big Bag	1000x1000x1350	1

## Physical Properties

Appearance	White flakes
Odor	None
Bulk density	800 to 900 kg/m <sup>3</sup>

## Chemical Properties

Parameter	Unit	Specification	Typical value	EC 2002/32
CaCl <sub>2</sub> concentration	%	> 77	78	N/A
Cl	%	> 49	50	N/A
CaO	%	> 38	39	N/A
Ca	%	> 27	28	N/A
Moisture content	%	< 22	21	N/A
Na	%	< 1	0.7	N/A
Insoluble in water	%	< 0.20	0.05	N/A
F	mg/kg	< 40	18	150
Pb	mg/kg	< 5	0.5	10
Cd	mg/kg	< 1	< 1	2
As	mg/kg	< 1	< 0.01	2
Hg	mg/kg	< 0.1	< 0.01	0.1
pH (in 5% CaCl <sub>2</sub> solution @ 20°C)	-	9-11	10.4	N/A

## Typical Sieve Analysis

Sieve	Approximate % passing
6.3 mm	100
4 mm	90
2 mm	30
1 mm	10

## Specifications

- EC 2002/32
- EC 2009/767 and EC 2013/68
- EC 2003/2003

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