



Technical Information

01.01.2023

Calcium Chloride Liquid 34% Food Grade E 509

Chemical formula:	CaCl ₂
CAS-No.:	10043-52-4
EC-No.:	233-140-8
REACH:	01-2119494219-28-XXXX
HS Code:	28272000
Appearance:	Clear liquid

Characteristic	Unit	Specification	Typical Value
CaCl ₂	g/l	> 445	455
Mg und alkali salts*)	%	< 5	3
SO ₄	g/l	< 0,2	0,1
Ba	g/l	< 0,40	0,25
Fe	mg/kg	< 3	< 1
Cu*)	mg/kg	< 2	< 0,3
Zn*)	mg/kg	< 2	0,18
F*)	mg/kg	< 10	< 10
As*)	mg/kg	< 0,03	< 0,005
Pb*)	mg/kg	< 2	< 1,6
Hg*)	mg/kg	< 0,03	< 0,004
pH-Wert		4 – 7	5
Density	kg/l	> 1,33	1,34

*) on anhydrous basis

Packaging: Bulk delivery by tank trucks.

Calcium chloride liquid 34% food grade meets or exceeds the requirements of:

- EU Food Additive Regulation 231/2012 (E 509)
- Current Edition Food Chemicals Codex (FCC)
- 19th JECFA (1975) and 63th JECFA (2004)

Typical values represent non-binding information. They are not specification values and cannot be guaranteed.

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Reference: July 2015

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