



Intra
Laboratories

Certificate of Analysis
Calcium Chloride Di-Hydrate

Product: Food Grade Calcium Chloride Di-Hydrate

Lot No.: 2016-16690-001

Manufacturing Date: 24/11/2016

Best Before: 11/2018

Analysis	Result	Unit	Min	Max	Method
CaCl ₂	78	%	77	81	EDTA-titration
Dihydrate CaCl ₂ *2H ₂ O	103	%	99	107	Calculation
pH 5% CaCl ₂ - Solution	10.2		9	11	Wet chemistry/pH
Mg and Alkali salts	2.2	%		4.0	Calculation
Na	0.70	%			Atomic absorption
Insoluble in water	0.02	%		0.2	Gravimetric
Ca(OH) ₂ aklalinity	0.052	%		0.15	Wet chemistry/titrat
Mg	102	mg/kg			Atomic absorption
F	11	mg/kg		40	Ionselective electro
Heavy metals as Pb	<20	mg/kg		20	Wet Chemistry?FCC-me
Fe	2.1	mg/kg		5	Atomic absorption
Pb	0.80	mg/kg		2	Atomic absorption
As	0.003	mg/kg		1	AAS-MHS
Hg	<0.01	mg/kg		1	Atomicfluoresence
Sieve <6.3 mm	99.84	%			Sieve analysis
Sieve <4.0 mm	91.33	%			Sieve analysis
Sieve <2.0 mm	18.19	%			Sieve analysis
Sieve <1.0 mm	4.19	%			Sieve analysis
Sieve <0.5 mm	1.83	%			Sieve analysis
Residual mass as H ₂ O	20	%			Calculation

Calcium chloride (E509) complies with EC 2012/231 and FCC 9th edition. The expiry date of the product is two years after the date of manufacturing.

Date: July 2017