



**ChemPure* Brand
Chemicals**

February 8, 2020

...Pure Quality

Certificate of Analysis

Calcium chloride dihydrate puriss. p.a., Reag. ACS, Reag. Ph. Eur.

Product Number: CP-M1272D
CAS No: 10035-04-8
Lot No: F234A
EC Number: 233-140-8

MF: CaCl₂ · 2H₂O
Molecular Weight: 147.01
MDL Number: MFCD00149613
Storage: RT

Parameter	Specification	Units	Result	Units
assay	min. 99	%	100	%
pH (5 %, 25 °C)	4.5-8.0		4.5 - 8.0	
water insoluble matter	max. 0.01	%	<0.01	%
acidity or alkalinity	complying		complying	
ammonium (NH ₄)	max. 0.005	%	<0.005	%
aluminium (Al)	max. 0.0001	%	<0.0001	%
arsenic (As)	max. 0.0001	%	<0.0001	%
barium (Ba)	max. 0.005	%	<0.005	%
cadmium (Cd)	max. 0.0005	%	<0.0005	%
cobalt (Co)	max. 0.005	%	<0.005	%
copper (Cu)	max. 0.0005	%	<0.0005	%
iron (Fe)	max. 0.0005	%	<0.0005	%
potassium (K) magnesium (Mg)	max. 0.005	%	<0.005	%
sodium (Na)	max. 0.005	%	<0.005	%
nickel (Ni)	max. 0.005	%	<0.005	%
lead (Pb)	max. 0.0005	%	<0.0005	%
strontium (Sr)	max. 0.01	%	<0.01	%
zinc (Zn)	max. 0.0005	%	<0.0005	%
heavy metals (as Pb)	max. 0.0005	%	<0.0005	%
Mg and alkali salts (SO ₄)	max. 0.5	%	<0.5	%
nitrate (NO ₃)	max. 0.002	%	<0.002	%
sulfate (SO ₄)	max. 0.005	%	<0.005	%
oxidizing subst. (as NO ₃)	max. 0.003	%	<0.003	%
appearance of the solution	complying		complying	
colour of the solution	complying		complying	
turbidity	max. 3.5	NTU	<3.5	NTU

QC Release Date: August 22, 2017

Retest Date: August 21, 2022

Made in Germany

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SUPPORT@CHEMPUREBRAND.COM - WWW.CHEMPUREBRAND.COM

ChemPure Brand Chemicals • P: 440.725.2802 • F: 734.405.6623 • 39103 Warren Rd., Westland, MI 48185