



**ChemPure* Brand
Chemicals**

Product Code: 110500/CP-M1272D

Lot #: 2013061824

Certificate Of Analysis

Chemical Name: **Calcium Chloride, Dihydrate**

ACS

Chemical Formula: $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$

...Pure Quality

F.W.: 147.0200

CAS: 10035-04-8

Density: 1.0000 kg/L

Analytical Results		
Item	Specifications	Analysis
Heavy Metals (as Pb)	5 ppm max.	4 ppm
Ammonium (NH ₄)	0.005% max.	<0.005%
Insoluble and NH ₄ OH precipitate	0.01% max.	0.005%
Iron (Fe)	0.001% max.	<0.0005%
Magnesium (Mg)	0.005% max.	0.003%
Oxidizing substances (as NO ₃)	0.003% max.	<0.003%
pH of a 5% solution at 25°C	4.5-8.5	5.8
Potassium (K)	0.01% max.	0.002%
Sodium (Na)	0.02% max.	0.002%
Strontium (Sr)	0.1% max.	0.008%
Sulfate (SO ₄)	0.01% max.	<0.01%
Assay (CaCl ₂ • 2H ₂ O)	99.0-105.0%	102.6%
Barium (Ba)	0.005% max.	<0.005%

Remarks:

It is certified that the above copy is a true copy of the actual lot analysis.

Daryn Browning
Technical Director