



**ChemPure* Brand
Chemicals**

Cust-Product Code: CP-M1272D
Lot #: 2021020843

...Pure Quality

CERTIFICATE OF ANALYSIS

PRODUCT NAME: **Calcium Chloride, Dihydrate**
ACS

F.W.: 147.0200

CHEMICAL FORMULA: CaCl₂ • 2H₂O

CAS No: 10035-04-8

Density: 1.7100

ANALYTICAL RESULTS		
ITEM	SPECIFICATIONS	ANALYSIS
Heavy metals (by ICP-OES)	5 ppm max.	<5 ppm
Assay (CaCl ₂ • 2H ₂ O)	99.0-105.0%	99.8%
Barium (Ba)	0.005% max.	<0.005%
Ammonium (NH ₄)	0.005% max.	<0.005%
Insoluble and NH ₄ OH precipitate	0.01% max.	0.004%
Iron (Fe)	0.001% max.	<0.001%
Magnesium (Mg)	0.005% max.	0.002%
Oxidizing substances (as NO ₃)	0.003% max.	<0.003%
pH of a 5% solution at 25°C	4.5-8.5	5.6
Potassium (K)	0.01% max.	0.002%
Sodium (Na)	0.02% max.	0.004%
Strontium (Sr)	0.1% max.	0.0002%
Sulfate (SO ₄)	0.01% max.	<0.01%
Date of Manufacture	Record Actual	11/25/2020
REMARKS		

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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