

Product Specification

Calcium Chloride Dihydrate, ACS Reagent Grade

Lot Number: SAMPLE**Product Number:** RDCC0075**Date Packaged:** N/A**Expiration Date:** N/AChemical formula: $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$
Formula weight: 147.01**Contains** $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$ CAS No. 10035-04-8 MW 147.01

Test	Specification	Result
Ammonium (NH_4)	max 0.005 %	N/A
Assay	99.0-105.0 %	N/A
Barium (Ba)	max 0.005 %	N/A
Heavy Metals (as Pb)	max 5 ppm	N/A
Insoluble Matter	max 0.01 %	N/A
Iron (Fe)	max 0.001 %	N/A
Magnesium (Mg)	max 0.005 %	N/A
Oxidizing Substances (as NO_3)	max 0.003 %	N/A
pH of 5% Solution	4.5-8.5	N/A
Potassium (K)	max 0.01 %	N/A
Sodium (Na)	max 0.02 %	N/A
Strontium (Sr)	max 0.1 %	N/A
Sulfate (SO_4)	max 0.01 %	N/A

Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document traceability and production history for each lot manufactured.

Part Number	Size / Package Type	Shelf Life (Unopened Container)
RDCC0075-25F4	25 kg fiber drum	84 months
RDCC0075-500B1	500 g poly	84 months

Recommended Storage: 15°C - 30°C (59°F - 86°F)

This Certificate of Analysis is designed to comply with ISO Guide 31 "Reference Materials -- Contents of Certificates and Labels."