

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-04-17 14:49:16  
 Date of Next Testing: 2026-04-16 14:49:16  
 Product Name: **Calcium chloride dihydrate**  
 CAS Number: 10035-04-8  
 Specifications & Purity: Premium-Grade Reagents , for Analysis, ACS,Reag. Ph Eur  
 Lot #: D2311538  
 SKU #: **C431173**  
**Analysis: 191550**  
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay (complexometric)	99-102 (%)	101.13000 %
Insoluble matter	0-0.01 (%)	0.00 %
PH(5% in water,25°C)	4.5-8.5	8.29
Heavy metals(ACS)	≤5 (ppm)	0.00000 ppm
Aluminium(Al)	≤0.0001 (%)	0.00000 %
Barium(Ba)	0-0.003 (%)	0.00 %
Copper(Cu)	0-0.0005 (%)	0.00 %
Iron(Fe)	0-0.0003 (%)	0.00 %
Potassium(K)	0-0.01 (%)	0.00 %
Sodium(Na)	0-0.01 (%)	0.01 %
Ammonium (NH4)	0-0.005 (%)	0.00000 %
Strontium(Sr)	0-0.05 (%)	0.01 %
Sulfate(SO42-)	0-0.005 (%)	0.00 %
Magnesium(Mg)	0-0.005 (%)	0.00 %
Magnesium and alkali metals	≤0.5 (%)	0.01500 %
Oxidizing substances(NO3)	0-0.003 (%)	0.00 %
Appearance(C431173)	White Powder	White powder
ICP Major Analysis Confirms Calcium Component	Confirmed	Confirmed
Acidity or alkalinity	pass	Pass



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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su  
QA & QC Manager