

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-18 13:44:46

Date of Next Testing: 2029-10-17 13:44:46

Product Name: **Calcium chloride dihydrate**

CAS Number: 10035-04-8

Specifications & Purity: ACS, ≥99%

Lot #: J2511342

SKU #: **C108381**

Version: **1**

Analysis #: **576124**

Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Sodium(Na)	0-0.02 (%)	0.00410 %
Strontium(Sr)	0-0.1 (%)	0.01200 %
Iron(Fe)	0-0.001 (%)	0.00000 %
Assay	99-105 (%)	101.39000 %
Barium(Ba)	0-0.005 (%)	0.00000 %
Heavy metal (as Pb)	0-5 (ppm)	0.00000 ppm
Ammonia (NH ₄)	0-0.005 (%)	0.00350 %
Water by Karl Fischer	23-25.5 (%)	24.66390 %
Potassium(K)	0-0.01 (%)	0.00130 %
Oxidizing substances(NO ₃)	0-0.003 (%)	0.00150 %
Insoluble matter in H ₂ O	0-0.01 (%)	0.00000 %
PH(5% in water, 25°C)	4.5-8.5	7.06000
Magnesium(Mg)	0-0.005 (%)	0.00500 %
Appearance (C108381)	White Powder or Crystals or Chunks	White Powder or Crystals or Chunks
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



QualityAssurance@aladdinsci.com

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager