

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2023-12-14 12:00:16
Date of Next Testing:	2027-12-13 12:00:16
Product Name:	Calcium chloride dihydrate
CAS Number:	10035-04-8
Specifications & Purity:	ACS, ≥99%
Lot #:	L2308274
SKU #	C108381
Analysis:	299151
Storage Temperature:	Desiccated

Parameter	Limit Values	Result
Sodium(Na)	0-0.02 (%)	0.01 %
Strontium(Sr)	0-0.1 (%)	0.01 %
Iron(Fe)	0-0.001 (%)	0.00 %
Assay	99-105 (%)	103.66 %
Barium(Ba)	0-0.005 (%)	0.00 %
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
Ammonia (NH ₄)	0-0.005 (%)	0.00 %
Water by Karl Fischer	23-25.5 (%)	23.05 %
Potassium(K)	0-0.01 (%)	0.00 %
Oxidizing substances(NO ₃)	0-0.003 (%)	0.00 %
Magnesium(Mg)	0-0.005 (%)	0.00 %
Insoluble matter in H ₂ O	0-0.01 (%)	0.00 %
PH(5% in water,25°C)	4.5-8.5	7.03
Appearance (C108381)	White Powder or Crystals or Chunks	White Powder or Crystals or Chunks
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



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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