

Certificate of Analysis

Date of Testing: 2022-09-19 09:19:12

Date of Next Testing: 2026-09-18 09:19:12

Product Name: **Calcium chloride dihydrate**

CAS Number: 10035-04-8

Specifications & Purity: ACS, ≥99%

Lot #: I2214558

SKU #: **C108381**

Analysis: **129009**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Strontium(Sr)	0-0.1 (%)	0.01 %
Iron(Fe)	0-0.001 (%)	0.00 %
Assay	99-105 (%)	100.69 %
Barium(Ba)	0-0.005 (%)	0.00 %
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
Ammonia (NH4)	0-0.005 (%)	0.00 %
Water by Karl Fischer	23-25.5 (%)	25.26 %
Potassium(K)	0-0.01 (%)	0.00 %
Oxidizing substances(NO3)	0-0.003 (%)	0.00 %
Insoluble matter in H2O	0-0.01 (%)	0.00 %
PH(5% in water,25°C)	4.5-8.5	6.16
Sodium(Na)	0-0.02 (%)	0.02 %
Magnesium(Mg)	0-0.005 (%)	0.00 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Appearance (C108381)	White Powder or Crystals or Chunks	White Powder or Crystals or Chunks



ALADDIN SCIENTIFIC CORPORATION

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

John Su
QA & QC Manager