

Certificate of Analysis

Date of Testing: 2025-03-21 15:19:39

Date of Next Testing: 2029-03-20 15:19:39

Product Name: **Calcium chloride dihydrate**

CAS Number: 10035-04-8

Specifications & Purity: ACS, ≥99%

Lot #: C2519569

SKU #: **C108381**

Version: **0**

Analysis #: **483053**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Sodium(Na)	0-0.02 (%)	0.00 %
Strontium(Sr)	0-0.1 (%)	0.01 %
Iron(Fe)	0-0.001 (%)	0.00 %
Assay	99-105 (%)	101.67 %
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 %
Potassium(K)	0-0.01 (%)	0.01 %
Oxidizing substances(NO ₃)	0-0.003 (%)	0.00 %
Insoluble matter in H ₂ O	0-0.01 (%)	0.00 %
PH(5% in water,25°C)	4.5-8.5	5.92
Water by Karl Fischer	23-25.5 (%)	23.32 %
Magnesium(Mg)	0-0.005 (%)	0.01 %
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

14078 Meridian Parkway, Riverside, CA. 92518

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

John Su
QA & QC Manager