

Certificate of Analysis

Date of Testing: 2025-01-11 08:50:14

Date of Next Testing: 2028-01-11 08:50:14

Product Name: **Calcium chloride dihydrate**

CAS Number: 10035-04-8

Specifications & Purity: Ph.Eur., Suitable for Analysis, ACS, Premium pure

Lot #: A2510638

SKU #: **C431173**

Version: **1**

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 (NH ₄)	0-0.005 (%)	0.00000 %
Strontium(Sr)	0-0.05 (%)	0.01 %
Sulfate(SO ₄ ²⁻)	0-0.005 (%)	0.00 %
Magnesium(Mg)	0-0.005 (%)	0.00 %
Magnesium and alkali metals	≤0.5 (%)	0.01500 %
Oxidizing substances(NO ₃)	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".

John Su
QA & QC Manager