

Certificate of Analysis

Date of Testing: 2023-01-30 16:24:55

Date of Next Testing: 2027-01-29 16:24:55

Product Name: **Calcium chloride dihydrate**

CAS Number: 10035-04-8

Specifications & Purity: Analytical Reagent

Lot #: A2314068

SKU #: **C108383**

Analysis: 173369

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Phosphate(PO4)	0-0.002 (%)	0.00 %
basicity(OH-)	0-0.004 (mmol/g)	0.00 mmol/g
(NO3)Nitrate	0-0.005 (%)	0.00 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00 %
Magnesium and alkali metal(With sulfate plan)	0-0.5 (%)	0.28 %
Iron(Fe)	0-0.001 (%)	0.00 %
Ammonia (NH4)	0-0.005 (%)	0.00 %
Assay	99-103 (%)	101.85 %
Insoluble matter and precipitate by ammonium hydroxide	0-0.01 (%)	0.00 %
Water by Karl Fischer	23-25.5 (%)	23.01 %
Appearance (C108383)	White Powder or Crystals	White Powder or Crystals
Barium(Ba)	passes test	Passes test
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager