

CERTIFICATE OF ANALYSIS

Product : Calcium Chloride Dihydrate USP
Batch No. : CA/USP/2324/24
Mfg. Date : July 2023
Exp. Month : 3 YEARS
Solubility : Freely soluble in water, insoluble in absolute ethanol.

	Specifications	Analysis
Identification	It gives reactions of Calcium It gives reactions of Chloride	Complies
Appearance	A white crystalline powder or crystals, hygroscopic	White crystalline powder, hygroscopic
pH (5% Solution)	4.5 to 9.2	6.95
Appearance of 10% Solution	Clear & Colorless	Complies
Acidity/Alkalinity	0.2 ml of 0.01M HCl/NaOH	0.04 MI HCl
Substances precipitated in Ammonia (Iron, Aluminium & Phosphate)	No Turbidity or Precipitation as per prescribed tests	Passes
Magnesium & Alkali Salts	Max. 1%	0.25 %
Aluminium	Max. 1 ppm	Complies
Organic Volatile Impurity	Meets Requirement	Complies
Assay	99.0 % to 107.0 %	99.72 %