



Specification

Calcium Chloride Dihydrate USP/FCC

Catalog Number: CC1007
CAS Number: 10035-04-8
Molecular Formula: $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$
Formula Weight: 147.01
Storage: 15°C – 30°C
Retest Period: Five years from the date of manufacture.

Test	Specification
Appearance	White crystals to powder
Assay (USP/FCC)	99.0% to 107.0%
Identification (USP/FCC)	To pass test
Solubility	Very soluble in boiling water, freely soluble in water
Solubility (5%)	Clear & colorless
pH (5% in H ₂ O)	4.5 to 9.2
Heavy Metals (as Pb)	≤ 10ppm
Arsenic	≤ 3mg/kg
Fluoride	≤ 0.004%
Lead	≤ 5mg/kg
Iron, Aluminum, Phosphate	To pass test
Magnesium & Alkali Salts	≤ 1.0%
Residual Solvents: Only water was used during production and purification of the product.	

Approved:

Date: September 26, 2018

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