



SPECIFICATIONS
GRADE: EP

PRODUCTS NAME		:	CALCIUM CHLORIDE DIHYDRATE EP
CAS NO.		:	10035-04-8
Sr. No.	TEST PARAMETER	SPECIFICATION	
1.	Appearance	White or almost white, crystalline powder, hygroscopic.	
2.	Solubility	Freely soluble in water, soluble in ethanol (96 %).	
3.	Identification A Solution S gives reaction (a) of chlorides Identification B It gives the reactions of calcium Identification C It complies with the limits of the assay	To pass test To pass test To pass test	
4.	Appearance of Solution	Solution S is clear and not more intensely coloured than reference solution Y6.	
5.	Acidity or Alkalinity	NMT 0.2 mL of 0.01 M sodium hydroxide is required to turn it red	
6.	Sulfates	Max. 300 ppm	
7.	Iron (Fe)	Max. 10 ppm	
8.	Magnesium and alkaline metals	Max. 0.5 %	
9.	Assay	97.0 % to 103.0 %	