



SPECIFICATIONS
GRADE: EP

PRODUCTS NAME		:	CALCIUM GLUCONATE EP
CAS NO.		:	18016-24-5
Sr. No.	TEST PARAMETER		SPECIFICATION
1.	Appearance		White or almost white, crystalline or granular powder.
2.	Solubility		Sparingly soluble in water, freely soluble in boiling water.
3.	Identification A Thin-layer chromatography Identification B Solution S (see Tests) gives the reactions of calcium.		To pass test To pass test
4.	Appearance of solution		At 60°C, solution S is not more intensely colored than reference solution Y ₆ . After cooling, it is not more opalescent than reference suspension II
5.	Organic impurities and boric acid		To Pass test
6.	Sucrose and reducing sugars		No red precipitate is formed
7.	Chlorides		Max. 200 ppm
8.	Sulfates		Max. 100 ppm
9.	Magnesium and alkali metals		Max. 0.4 %
10.	Microbial contamination		TAMC: acceptance criterion 10 ³ CFU/g. TYMC: acceptance criterion 10 ² CFU/g.
11.	Assay (Dried basis)		98.5 % to 102.0 %