



SPECIFICATIONS
GRADE: BP

PRODUCTS NAME		:	CALCIUM GLUCONATE BP
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 %	