

SPECIFICATION

Product Name	Calcium Gluconate		
Product Formula	C₁₂H₂₂ CaO₁₄.H₂O		
Molecular Weight	448.4		
CAS Number	18016-24-5		
No.	Tests	Specifications	Reference
1	Description	White, crystalline powder or granules	In House
2	Solubility	Sparingly soluble in water, freely soluble in boiling water, insoluble in ethanol (95%)	In House
3	Identification:	Shall pass the test	In House
	A . Thin-layer chromatography	Shall pass the test	In House
	B. Test B	Shall pass the test	In House
4	pH	6-8	In House
6	Arsenic	Max. 2 ppm	In House
7	Heavy metals	Max. 20 ppm	In House
8	Chlorides	Max. 250 ppm	In House
9	Sulphates	Max. 150 ppm	In House
10	Sucrose and reducing sugars	No red precipitate is formed	In House
11	Assay as C ₁₂ H ₂₂ CaO ₁₄ .H ₂ O	98.5 % - 102.0 %	In House
Storage: Store in a well-closed container at a temperature not exceeding 25C, protected from direct sunlight and Moisture, unless otherwise specified.			
Retest Period:5 years from the date of manufacture.			