

## CALCIUM GLUCONATE (ORAL)



Sr. No.	TESTS		SPECIFICATION		
			IP	USP	BP
1.	Description		White crystalline powder or granules	White , crystalline, odorless, test less granules or powder	White or almost white, crystalline or granular powder
2.	Solubility		Freely soluble in boiling water; sparingly soluble in water; insoluble in ethanol (95%)	Freely soluble in boiling water; sparingly (and slowly) soluble in water; insoluble in alcohol	Sparingly soluble in water, freely soluble in boiling water
3.	Assay (w/w)		98.5 %-102.0%	98.5 %-102.0%	98.5 %-102.0%
4.	Identification		As per IP	As per USP	As per BP
5.	Chloride		NMT 250 ppm	NMT 0.07%	MAX 200 ppm
6.	Heavy Metals		NMT 20 ppm	NMT 10 ppm	MAX 10 ppm
7.	Sulfate		NMT 150 ppm	NMT 0.05%	MAX 100 ppm
8.	Arsenic		NMT 2 ppm	NMT 3 ppm	----
9.	Iron		----	NMT 5 ppm	----
10.	Loss On Drying		----	NMT 2.0%	----
11.	Appearance Of Solution		As per IP	----	As per BP
12.	Acidity & alkalinity		As per IP	----	
13.	Limit of Magnesium & Alkali Metals		----	NMT 0.4%	MAX 0.4%
14.	Limit of Phosphate		----	NMT 0.01%	----
15.	Limit of Oxalate		----	NMT 0.01%	----
16.	Reducing Substance		----	NMT 1.0%	----
17.	Organic impurity& boric acid		----	----	As per BP
18.	Sucrose & reducing sugar		As per IP	----	As per BP
19.	Microbial Contamination	TAMC	----	----	10 <sup>3</sup> CFU/g
		TYMC			10 <sup>2</sup> CFU/g
20.	Sulphated Ash (IP) Residue on Ignition (USP)		----	14% to 28%	----