



## CALCIUM LACTATE GLUCONATE

Sr. No.	TESTS	SPECIFICATION
		IN HOUSE
1.	Description	White, free flowing powder
2.	Odor & Taste	Shall pass the test
3.	Identification	Shall pass the test
4.	Appearance of 10% w/v solution in water	Clear to nearly clear and colorless to nearly colorless
5.	Loss on Drying	MAX. 10.0% w/w
6.	pH ( 10% solution)	6.0 to 8.0
7.	Acidity	NMT 0.45% as lactic acid
8.	Chloride	NMT 500 ppm
9.	Sulphate	NMT 500 ppm
10.	Iron	NMT 50 ppm
11.	Arsenic	NMT 1 ppm
12.	Lead	NMT 5 ppm
13.	Heavy Metal	NMT 10 ppm
14.	Volatile fatty acids	Shall pass the test
15.	Sucrose & Reducing sugars	Shall pass the test
16.	Magnesium & Alkali Metals	NMT 0.5%
17.	Calcium Content (as is basis)	11.0% to 12.0%
18.	Solubility in water	22 g/ 100 ml
19.	Particle Size Distribution In House Passing through U.S 80 mesh	More than 90% w/w
20.	Bulk Density (Loose)	300 - 650 kg/m <sup>3</sup>
21.	Total viable aerobic count	MAX. 1000 CFU /g
22.	Total fungus	MAX. 1000 CFU /g
23.	Enterobacteriaceae	To be absent
24.	E.Coli	To be absent
25.	Salmonella	To be absent
26.	Staphylococcus aureus	To be absent
27.	Pseudomonas Aeruginosa	To be absent