



NAME OF PRODUCT: CARMELLOSE CALCIUM – BP

SR.NO	TEST	LIMIT
1	Description	White or yellowish-white powder, hygroscopic after drying.
2	Solubility	Practically insoluble in acetone, in alcohol and in toluene. It swells with water to form a suspension.
3	Identification	
	Identification A	A reddish-violet color develops.
	Identification B	A white, flocculent ppt is produced.
	Identification C	A brown, flocculent ppt is produced.
	Identification D <2.3.1>, Calcium	A. The chloroform layer is coloured red. B. A white, crystalline precipitate is formed. C. A white precipitate is produced which is only sparingly soluble in 6M acetic acid but is soluble in hydrochloric acid.
5	Alkalinity	No red color develops
6	Chlorides <2.4.4>	NMT 0.36%
7	Sulfates <2.4.13>	NMT 1.0%
8	Loss on drying <2.2.32>	NMT 10.0%
9	Sulfated ash <2.4.14>	Between 10.0% to 20.0%
10	Additional test	
	Heavy metal	NMT 20 ppm
11	pH (INH)	Between 4.5 to 6.0
12	Starch(INH)	No blue color develop with iodine
13	Settling Volume (INH)	10 ml to 30 ml