



**NAME OF PRODUCT : MICROCRYSTALLINE CELLULOSE- IP**

SR.NO	TEST	LIMIT
1	Description	A fine or granular, white or almost white powder; odourless.
2	Solubility	Practically insoluble in water, in acetone, in ethanol, in toluene, in dilute acids and in a 50 g/L solution of sodium hydroxide.
3	Identification Identification A Identification B Identification C	A. Red color is produced. B. A blue- purple color is produced. C. A white opaque bubble free dispersion is obtained that does not produce a supernatant liquid.
4	pH<2.4.24>	Between 5.0 to 7.5
5	Starch & dextrans	No blue or brownish-red colour is produced.
6	Organic Impurities	No red colour is produced.
7	Water soluble substances	NMT 0.2 %
8	Arsenic<2.3.10>	NMT 2 ppm
9	Heavy metal<2.3.13>	NMT 10ppm
10	Sulphated ash<2.3.18>	NMT 0.2%
11	Loss on drying<2.3.19> (at 105 °C for 4 h).	NMT 6.0%
12	Assay (Dried basis)	Between 97.0% to 102.0%
13	Total aerobic microbial count Total combined molds and yeast E. coli Salmonella S. aureus Ps. aeruginosa	NMT 1000 cfu/g NMT 100 cfu/g Absent Absent Absent Absent