



## ALCON BIOSCIENCES PRIVATE LIMITED

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### SPECIFICATION OF MICROCRYSTALLINE CELLULOSE 200

**Product Name: MICROCRYSTALLINE CELLULOSE 200**

TEST	SPECIFICATION
Chemical Description	White or almost white powder, Fine or granular powder
Solubility	Practically insoluble in water, in acetone, in anhydrous ethanol, in toluene, in dilute acids and in a 50g/l solution of sodium hydroxide.
Identification	(A) The substance becomes violet-blue with iodinated Zinc Chloride Solution. (B) The degree of Polymerization should not be more than 350
Solubility ( Ammonical Copper tetramine)	It dissolves completely leaving no residue
PH	5.0-7.5
Loss on Drying	Max 7.0%
Residue on Ignition	NMT 0.1 %
Water Soluble Substances (%)	NMT 0.25
Ether Soluble Substances (%)	Maximum 0.05%
Heavy Metals (ppm)	Maximum 10 ppm
Bulk Density gm/cc Un Tapped	0.30 – 0.36
Sieve Analysis Retention on: +60 +100	NLT 10.0% NLT 50.0%
Conductivity	Max75 $\mu$ /cm
Organic volatile impurities	Meets the requirements
Assay(On B.D)	97-102%
Total Aerobic Microbial count:	NMT 1000 cfu/gm
Total Moulds & Yeast count (cfu/g)	NMT 100 cfu/gm
Escherichia. Coli	Absent in 1 g.
Salmonella species	Absent in 10 g.
Staphylococcus species	Absent in 1 g.
Pseudomonas aeruginosa	Absent in 1 g.

**REMARK: THE PRODUCT COMPLIES AS PER BP/USP SPECIFICATION.**