



## Maple Biotech Pvt. Ltd.

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### SPECIFICATIONS MICROCRYSTALLINE CELLULOSE 200

TEST	SPECIFICATIONS
Description	White or almost white, fine, granular powder, practically insoluble in water, in acetone, in ethanol, in toluene, in dilute acids and in 50 g/l solution of sodium hydroxide
Identification	USPNF Monograph Identification Tests A,B,C
Assay	97 to 102 %
pH	5 to 7 (Pharma Eur. / JP/ USP) 5 to 7.5( IP )
Starch	Negative(Pharma Eur./USP/JP/IP)
Water Soluble Matter	max. 0.24%(Pharma Eur/NF/JP) max. 0.2% (IP)
Residue on Ignition	max 0.2% (IP) )0.05% USP
Sulphated Ash	max 0.1%(Pharma Eur/NF/JP) max 0.2% (IP)
Moisture	5% (Pharma Eur./USP/JP/IP)
Heavy Metals	Max. 10 ppm (USP/ IP/Pharma Eur)
Seive Analysis Retention on 60 mesh : Retention on 100 mesh :	Min. 10% Min. 50%
Bulk Density	0.29-0.36 g/cm <sup>3</sup>
Conductivity	Max. 75 $\mu$ S/Cm
Organic Volatile Impurities	USP
Ether-soluble substances	Max. 0.05%
Total Aerobic Microbial Count	max. 1000 cfu/gm ( Ph. Eur /USP)
Total Molds and Yeast Count	Max. 100 cfu/gm (Ph. Eur / USP)
E. Coli	absent (Pharma Eur/ USP)
Salmonella	absent (Pharma Eur/ USP)
S. Aureus	absent (Pharma Eur/ USP)
Pseudomonas	absent (Pharma Eur/ USP)
MATERIAL COMPLIES WITH ALL THE TEST GIVEN ABOVE OF IP / USP/ Ph Eur. And JP	