



## Maple Biotech Pvt. Ltd.

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### SPECIFICATIONS MYLCELL 10 LOW SUBSTITUTED CARBOXYMETHYLCELLULOSE SODIUM SALT

TEST	SPECIFICATIONS	TEST METHOD
Appearance	white to yellowish white, finely fibrous odourless powder	
Solubility	Practically insoluble in acetone, in anhydrous ethanol and in toluene. It swells in water to form a gel (Ph Eur)	
Identification	A, B, C, D	USPNF & Ph Eur
Solution in water	Stir 1 gm in 100 ml	Nymcel
pH	6 to 8.5 (Merck); 6 to 8.5 (USPNF & Ph Eur)	USPNF & Ph Eur
NaCMC Content	99.5 to 100%	
Settling Volume	15 to 35 ml	USPNF & Ph Eur
Loss on Drying	Max 10%	USPNF & Ph Eur
Residue on Ignition (Sulphated Ash) @800° C	6.9 to 9.1	USPNF & Ph Eur
Assay (% Sodium )	2.2 % to 2.9 %	USPNF & Ph Eur
Degree of Substitution	0.17 to 0.23	
Viscosity of 2% solution in 10%NaOH	NLT 2000 m.pas	Viscosity of 2% solution in 10%NaOH
Sodium Chloride	NMT 0.4%	USPNF & Ph Eur
Water Soluble substance	NMT 25%	USPNF & Ph Eur
Heavy Metals	Max 20 ppm (USPNF & Ph Eur)	USPNF & Ph Eur
Total Aerobic Microbial Count	max. 1000 cfu/gm	
Total Molds and Yeast Count	Max. 100 cfu/ gm	
<i>E. Coli</i>	<i>absent</i>	
<i>Salmonella</i>	<i>absent</i>	
<i>S. Aureus</i>	<i>absent</i>	
<i>Pseudomonas</i>	<i>absent</i>	