



## Maple Biotech Pvt. Ltd.

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### SPECIFICATIONS CALCIUM CARBOXY METHYL CELLULOSE (Carmellose Calcium)

ITEMS:	Specifications
DESCRIPTION	White to Yellowish white Hygroscopic odorless Powder
IDENTIFICATION :	Pass A,B,C,D of USP,BP; Ph. Eur
SOLUBILITY	Practically insoluble in acetone, in alcohol and in toluene. It swells with water to form a suspension.
ALKALANITY	No pink colour developed on addition of Phenolphthalein
LOSS ON DRYING	Max. 10%
SULPHATED ASH @600 <sup>o</sup> C	10 to 20 % BP / Ph Eur
RESIDUAL SOLVENT	Not more than 0.05% USP
Organic Volatile Impurities	USP
HEAVY METALS	Less than 20 ppm BP, Ph Eur, USP
SULPHATES	1% BP/ Ph Eur , USP
CHLORIDES:	Less than 0.36% BP, Ph Eur, USP
Total Aerobic Microbial Count	Less than 1000 cfu/gm
Total Yeast and Mould count	Less than 100 cfu/gm
Pathogens (E.coli, Pseudomonas Aeruginosa, Staphylococcus aureus Salmonella )	Absent
Complies with the above mentioned specifications of BP, Ph Eur & USP27 NF 22	