



# Maple Biotech Pvt. Ltd.

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## SPECIFICATIONS

### PARTIALLY PREGELATINISED STARCH

### MABITAB 1500

TEST	SPECIFICATIONS MAPLE
Description	White or almost white, odorless, granular powder,
Solubility	Swells in cold water
Identification By Microscope By Chemical test	Irregular translucent, white or yellowish white flakes or pieces with an uneven surface A reddish-violet to blue colour is produced with Iodine solution
pH 3 gm in 100 ml carbon dioxide free water	4.5 to 7 ( Ph Eur, USPNF )
Residue on Ignition	max 0.6% ( Ph Eur, USPNF )
Loss on Drying	Max 15% ( Ph Eur, USPNF )
Heavy Metals	Max. 10 ppm
Bulk Density	0.40-0.55 g/cm <sup>3</sup>
SULPHUR DIOXIDE	Max. 50 ppm
Oxidising Substances	Negative ( Ph Eur, USPNF )
Foreign Matter	Not more than traces of matter other than starch granules are present
Residual Solvent	USP
Iron	NMT 20 ppm
Retention on 8 mesh	Nil
Retention on 40 mesh	NMT 0.5%
Total Aerobic Microbial Count Total Molds and Yeast Count	max. 1000 cfu/gm ( Ph. Eur /USP) Max. 100 cfu/gm (Ph. Eur / USP)
E. Coli Salmonella	absent (Pharma Eur/ USP) absent (Pharma Eur/ USP)