

# MAIZE / TAPIOCA STARCH

## IP – GRADE



### ABOUT

Maize / Tapioca starch IP is a premium product produced from specific process and condition as per Indian pharmacopoeia standards. It is manufactured using fully automated technology maintaining hygienic environment throughout the process to control the microbiological load. It is a white, tasteless and odourless polysaccharide that is insoluble in cold water. Starch becomes soluble in water when heated.

### APPLICATIONS

- Binder and filler in tablet manufacturing.
- Tablet disintegrate.
- Anti-adherent and Lubricant.
- Coating agent.

### PACKAGING & STORAGE

- Packed in a double layer LDPE bag and secondary packing with HDPE woven sack.
- Net weight: 50kg/bag.
- Stored in a cool and dry place, protected from sunlight and moisture.
- Two years shelf life under proposed packing and storage condition.

### CERTIFICATIONS

” KOSHER, HALAL, FSSAI, GMP & ISO “

TEST PARAMETERS	SPECIFICATION
Description	White free flowing powder
Odour	No Odour
Solubility	In soluble in cold water and Ethanol
Moisture content	Not more than 8.00 %
Sulphated Ash	Not more than 0.6 %
Acidity (ml of NaOH 0.1N / 5 gms)	Max 2.0 ml
Fluorescence	No Fluorescence in UV light
Oxidising Substance	Max 20 ppm
pH	4.00 to 7.00
Iron Content	Not more than 10 ppm
Sulphur dioxide content	Not more than 50 ppm
<b>Heavy Metals:</b>	
Lead	Not more than 2.0 ppm
Arsenic	Not more than 1.0 ppm
Mercury	Not more than 0.1 ppm
Cadmium	Not more than 1.0 ppm
<b>Microbial load:</b>	
Total aerobic microbial count	Not more than 1000 cfu/g
Total yeast and mould count	Not more than 100 cfu/g
Escherichia coli	Should be absent/10g
Salmonella	Should be absent/10g
Pseudomonas aeruginosa	Should be absent/g
Staphylococcus aureus	Should be absent/g