



PRODUCT DATA SHEET

BLUECRAFT AGRO PRIVATE LIMITED

An ISO 9001:2015 Certified Company

MAIZE STARCH I.P.

Description	<p>Maize Starch I.P. is a premier product used to the various applications in Pharmaceutical industries. It is manufactured from carefully selected grains with controlled feeding to the system maintaining hygienic condition throughout the process to control microbiological load. It has very low bacterial count.</p> <p>It is free flowing powder and blend in odour. It does not mask any odour or flavour in the finished product. Maize starch I.P. is used as inert filler cum binder during manufacture of pharmaceutical tablets. Its low particle size ensure smooth tablet. It also functions as tablet disintegrant as well as also acts as a filler and inert carrier of medicine.</p>
Packaging	25 Kg/ 50 Kg HDPE Bags with virgin inner liner of LDPE Bags
Storage and Handling	Store in Clean, dry, well ventilated warehouse at ambient temperature and humidity.
Shelf Life	5 years from the date of manufacture

SUPPLY SPECIFICATION (PHYSICAL & CHEMICAL DATA)

Appearance	A very fine, white or slightly yellowish powder or irregular white masses which are readily reducible to powder, creaks when pressed between the fingers; odourless and tasteless.
Identification	<p>a) Polyhedral granules, 2 to 23μm in size or rounded granules, 25 to 32 μm in diameter. The central hilum consists of a distinct cavity or two to five rayed cleft, no concentric striations. Viewed between crossed nicol prisms, a distinct black cross is seen intersecting at hilum.</p> <p>b) Heat to boiling for 1 minute a suspension of 1 g in 50 ml of water and cool; a thin cloudy mucilage should produced.</p> <p>c) To 10 ml of the mucilage obtained in test B add 0.5 ml of 0.01 M iodine; a dark blue colour should produced which disappear on heating and reappear on cooling.</p>



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Acidity	Not more than 2 ml of 0.1M NaOH is required.
Fluorescence	No fluorescence should be visible under screened ultra-violet light
Oxidizing Substances	No distinct brown or blue colour should observed.
Sulphated Ash	Not more than 0.6 %
Loss on Drying	Not more than 15 %

SUPPLY SPECIFICATION (MICROBIOLOGICAL DATA)

E.coli	Absent/g
Salmonella	Absent/10g
Shigella	Absent/10g