

TECHNICAL DATA SHEET

Product: Indian non-GMO Yellow Groats : Corn (Maize) Starch Food Grade

Packaging: 20kg, 25 kg, 50 kg PP bag or paper bag, 500 kg, 1000 kg Jumbo bag as per buyers requirement

S.NO	CHARACTERISTIC	SPECIFICATION
1	Description	Fine white powder, odourless, Taste slight and characteristic.
2.	Identification	To compare favorably with the Photomicrograph of Maize Starch
3.	Moisture content, Percent by Mass, Max	13.00
4.	Protein (N X 6.25), (on dry basis) Percent by Mass, Max	0.60
5.	Cold water soluble, (on dry basis) Percent by Mass, Max	0.40
6.	P ^H of 10% aqueous solution	4.5 – 7.0
7.	Free Acidity, Max (ml of 0.1N NaOH/100gm)	40
8.	Starch (on dry basis) % by mass, Min	98.00
9.	Viscosity on Red wood Viscometer No.1, Seconds (2% solution at 75 ⁰ C). Min	30
10.	Total Ash, (on dry basis) Percent by mass, Max	0.25
11.	Particle size on 100 mesh	1.0
12.	Petroleum-hydro-carbon Extractable matter, (on dry basis) % by Mass, Max	0.25
13.	So ₂ PPM, Max	80
14	Viscosity of 05% solution at 50 Deg C , LVT Model, Brook – Field Viscometer in CPs	Min 800

