

CWS-TS(TAPIOCA PREGEL)

DESCRIPTION

CWS-TS is a Tapioca based pregelatinized starch. It is **gluten free, grain free, Plant based and Non GMO** fine powder made from Cassava root, which is **soluble in cold water** and has a very good binding strength. CWS-TS is a Perfect additive for **coating the nuts and snacks**. CWS-TS also acts as **Stabilizing agent in cream fillings, sauces, soup mixes, gravies, pasty creams and other food product industries.**

SPECIFICATIONS

S.No	PARAMETERS	SPECIFICATIONS	METHOD OF ANALYSIS
1	APPEARANCE	OFF WHITE FREE FLOWING POWDER	ASF/QP/QA/06/15
2	SOLUBILITY	SOLUBLE IN COLD WATER	ASF/QP/QA/06/01
3	pH OF 10% (aqu. Soln)	5.0 TO 7.5	IS 4706(PART 2)
4	VISCOSITY OF 5% SOLUTION IN BROOKFIELD VISCOMETER, Spindle No:2, RPM :100, Temp: 30°C	100-300 c Ps	ISI 17- 1e
5	MOISTURE CONTENT (w/w)	Max 8%	IS 4706(PART 2)
6	BULK DENSITY (gms/ ml)	0.3 TO 0.5	ASF/QP/QA/06/08
7	SIEVE RETENTION (60 MESH)	PASS 80%	BS 410 1986
8	ASH CONTENT (w/w)	Max 0.5%	IS 4706(PART 2)

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MICROBIOLOGICAL PARAMETERS

S.No	TEST PARAMETERS	UNITS	LIMITS AS PER FSSAI	METHOD OF ANALYSIS
1	Total Plate Count	cfu/g	Not more than 40000	IS 5402
2	Yeast & Mould	cfu/g	Not more than 100	IS 5403
3	<i>E coli</i>	Present/Absent/g	Absent	IS 5887:PART 1
4	Salmonella	Present/Absent/25	Absent	IS 5887:PART 3
5	Coliform	cfu/g	Absent	IS:5402
6	<i>Staphylococcus aureus</i>	Present/Absent/25	Absent	IS 5887:PART 2
7	<i>Listeria monocytogenes</i>	Present/Absent/25	Absent	IS 14988:PART 1

MINERALS AND HEAVY METALS PARAMETERS

S.No	TEST PARAMETERS	UNITS	LIMITS AS PER FSSAI	METHOD OF ANALYSIS
1	Arsenic	Mg/kg	Not more than 1.1	FSSAI MANUAL 2016
2	Lead	Mg/kg	Not more than 2.5	FSSAI MANUAL 2016
3	Cadmium	Mg/kg	Not more than 1	FSSAI MANUAL 2016
4	Mercury	Mg/kg	Not more than 0.25	FSSAI MANUAL 2016
5	Copper	Mg/kg	Not more than 30	FSSAI MANUAL 2016
6	Tin	Mg/kg	Not more than 250	FSSAI MANUAL 2016
7	Zinc	Mg/kg	Not more than 50	FSSAI MANUAL 2016

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FEATURES AND BENEFITS

CWS-TS (Tapioca pregel) is a White powder that adds no Color to application and blends well with other ingredients.

CWS-TS (Tapioca pregel) has excellent Water holding capacity.

CWS-TS (Tapioca pregel) has no Fat, Protein, Fiber, Vitamins, or other Minerals.

It is highly bio-degradable and causes no harm to the Environment.

CWS-TS(Tapioca pregel) has the ability to form a cold water paste. They develop viscosity without the need of heat and thus it gives excellent solution stability with high flow and spread properties

APPLICATIONS

THICKENING AGENT:

CWS-TS(Tapioca Pregel) can be used as a cold water thickening agent and It is used in pies soups, puddings and meat products.

STABILIZING AGENT:

CWS-TS(Tapioca Pregel) can be used as stabilizing agent in cream fillings, canned, sauces, soup mixes, gravies, tomato ketchup, pasty creams, dairy desserts and other food product industries. It has high paste formation property in cold water and Water holding capacity is high at low temperature. CWS-TS(Tapioca Pregel) can be used as a cold water thickening agent and It is used in pies soups, puddings and meat products.

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COATING AGENT:

CWS-TS (Tapioca pregel) is used to give crunchy or crispy mouth feel because they can expand to tender structure when heated or dried. Pre-gelatinized starch was found to provide a product with the lowest oil content, the highest moisture content, coating pick up and volume.

STORAGE

Exhibits excellent stability when stored under cool and dry ventilated place. Avoid direct sun light.

BEST BEFORE DATE

Twelve months from the date of manufacturing.

PACKING

Available in 25/50 Kgs net weight paper bags with moisture proof liner inside.

ADDITIONAL INFORMATION


FSSAI Certification	Yes
ISO 9001:2015 Certification standard from SGS	Yes
ISO 22000:2018 Certification standard from SGS	Yes
BRC Global Standard for Food Safety Certification from SGS	Yes
Kosher Certification by Kosher Check, British Columbia, Canada	Yes
Halal Certificate	Yes
ZED Certificate	Yes
Preservative	NOT PRESENT/ USED IN PRODUCT

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Technical Data sheet

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