

CURIA YG

DESCRIPTION

CURIA YG is a **Vegan, Gluten-Free, Plant-based and Non-GMO** starch used as curdling and thickening agent in Yogurt and Lassi. No addition of preservative and Mono sodium Glutamate in the starch.

SPECIFICATIONS

S.No	PARAMETERS	SPECIFICATIONS	METHOD OF ANALYSIS
1	APPEARANCE	WHITE TO CREAM COLOUR FINE FLUFFING POWDER	ASF/QP/QA/06/15
2	SOLUBILITY	SOLUBLE IN COLD WATER	ASF/QP/QA/06/01
3	pH OF 20% (aqu. Soln)	5 TO 7	IS 4706(PART 2)
4	VISCOSITY OF 20% SOLUTION IN BROOKFIELD VISCOMETER, Spindle No:2, RPM :100, Temp: 80 degree Celsius)	MAX 10 cP	ISI 17- 1e
5	MOISTURE CONTENT (w/w)	Max 13%	IS 4706(PART 2)
6	BULK DENSITY (gms/ ml)	0.65 TO 0.7	ASF/QP/QA/06/08
7	ASH CONTENT (w/w)	Max 0.5%	IS 4706(PART 2)

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ZERO DEFECT • ZERO EFFECT



CURIA YG

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:5401
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

FEATURES AND BENEFITS

- 100% Natural. Protein and carbohydrate derivative.
- Improves thickness of the product.
- Improves smooth texture.

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APPLICATIONS

1. First add 2% to 10% of CURIA- YG based on the Protein Content of the Milk in cold (4⁰C to 36⁰C) condition. Dissolve it well without Lump formation.
2. Heat the milk mixer to 85⁰c & hold it for 12 minutes with continuous stirring.
3. Cool the pasteurized milk to 43⁰c to 45⁰c with slow stirring and then add required quantity of Culture and stir it slowly for even mixing of culture.
4. Then keep it in an incubator @ 43⁰c for 6 hours and transfer it to chiller.

OR

1. Add 2% to 10% of CURIA- YG based on the Protein Content of the hot milk at 80⁰C to 85⁰C and stir continuously for 2 minutes without lump formation
2. Cool the milk to 43⁰c to 45⁰c with slow stirring and then add required quantity of Culture and stir it slowly for even mixing of culture.
3. Then keep it in an incubator @ 43⁰c for 6 hours and transfer it to chiller.

DOSAGE

For excellent results, use 2 to 10% CURIA-YG of total batch size, based on the Protein Content of the Milk. For Lower Protein Content in the Milk higher Curia-YG NEED TO BE USED.

STORAGE

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

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BEST BEFORE DATE

Twelve months from the date of manufacturing.

PACKING

Available in 25 Kgs net weight

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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