

CERTIFICATE OF ANALYSIS

Guar Gum

Batch Number: 4438506

Expiry date: July 2025

TEST	SPECIFICATION	RESULT
Description	Highly refined, fine grade, high viscosity guar gum for use in food and feed industry.	Conforms
Colour	Creamish white	Conforms
Odour	Bean like typical	Conforms
Moisture	Max 12 %	10.40%
pH	5.5 - 6.5	6.20
Residue (Insoluble in Acid, RIA)	Max 3 %	0.80%
Protein	Max 5 %	4.70%
Ash	Max 1 %	0.90%
Galactomannans	Min 81 %	83.20%
Starch	Not detectable	Conforms
Organic Peroxides	Max 0.7 meq active oxygen/kg	Conforms
Furfural	Max 1 ppm, mg/kg	Conforms
Pentachlorophenol	Max 0.01 mg/kg, ppm	Not detected
Viscosity (1% cold, 2 hours)	5000 - 5500 cP	5130 cP
Viscosity (1% cold, 24 hours)	5200 - 5800 cP	5620 cP
Mesh on 100 (Retained)	Max 1 %	NIL
Mesh Size (Through 200)	Min 95 %	97.30%
Arsenic	Max 3 ppm, mg/kg	Conforms
Mercury	Max 1 ppm, mg/kg	Conforms
Cadmium	Max 1 ppm, mg/kg	Conforms
Lead	Max 2 ppm, mg/kg	Conforms
Total Heavy Metals (As Pb)	Max 10 ppm, mg/kg	Conforms
Standard Plate Count	Max 5000 cfu per gm	1070 cfu per gm
Yeasts & Moulds	Max 300 per gm	190 per gm
Coliforms	Max 50 per gm as MPN	Negative
Escherichia Coli	Negative per 10 gms	Negative

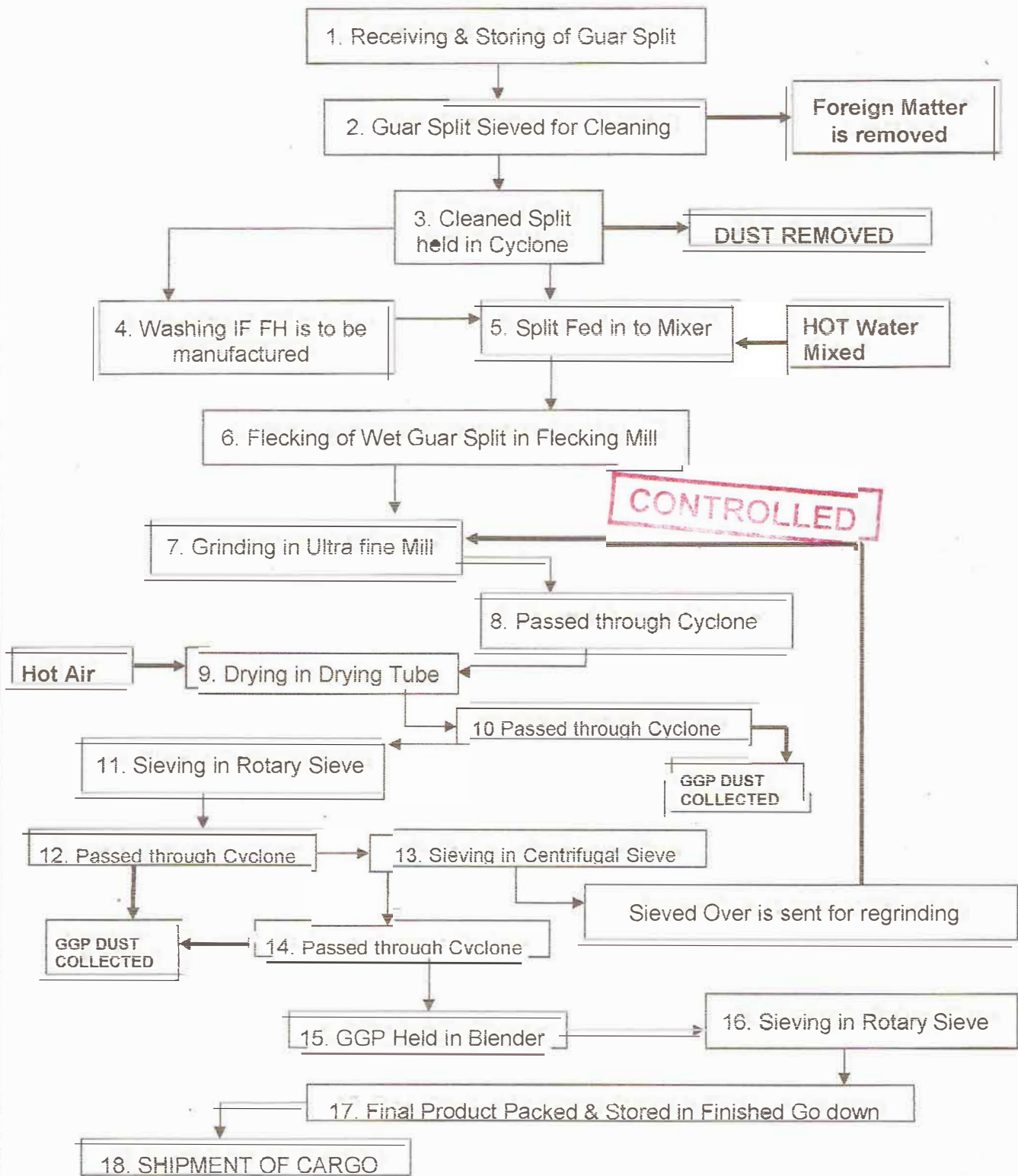
25 July 2022

To Whom It May Concern:

This is to state that Guar Gum Powder being supplied by YouWish is free from Allergens.

This certificate is valid up to 24 July 2026

PRODUCT PROCESS / MATERIAL FLOW CHART



Certificate

This is to certify that Guar (Cyamopsis tetragonoloba) used for the preparation of powder is a local crop grown by farmers of Rajasthan State & this crop is not Genetically modified.

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF PRODUCT AND COMPANY

Product Name : Guar Gum Powder / Supreme Guar Gum
Intended Use : Food Industry
Company Name : YouWish
Venserweg 21M
1112AR Diemen
The Netherlands
www.youwish.nl

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization: Carbohydrate

3. HAZARDS IDENTIFICATION

Does not involve any risk as classified from Risk Class 1 to Risk Class 9

4. FIRST AID MEASURES

General Information: Remove contaminated clothing and dispose of safety skin, Contact, in case of contact with skin, wash properly with soap and water.

Eye Contact: Rinse thoroughly with plenty of fresh water and seek medical advice.

Ingestion: If accidentally swallowed, obtain medical attention.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing media: Foam, Carbon Di-oxide, Dry Power.

Special protective equipment for fire fighting: Use self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up: Dry powder clean with broom or vacuum cleaner.

7. HANDLING AND STORAGE

Handling: No special measures necessary.

Storage: Should be stored packed in dry atmosphere, at normal temperature.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hygiene measure: keep away from foodstuffs and beverages, wash hands before breaks and after work, apply skin cream.

Hand Protection: Wear protective gloves.

Eye Protection: Safety Glasses.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Dry Power

Color: Creamish Yellow.

Odour: Bean like.

10. STABILITY AND REACTIVITY

Thermal decomposition > 500 C

Hazardous reactions: None

Hazardous decomposition products: None.

11. TOXICOLOGICAL INFORMATION

None

12. ECOLOGICAL INFORMATION

Data not available

13. DISPOSAL CONSIDERATIONS

Product: In accordance with current regulations may be taken to waste disposal site or incineration plant after consultation with responsible authority.

Uncleaned Packaging: contaminated packaging should be emptied as far as possible.

14. **TRANSPORT INFORMATION**

Road Transport

ADR: Non Hazardous goods

RID: Non Hazardous goods

Inland Waterways Transport

ADNR: Non Hazardous Goods

Marine Transport

IMDG/UN : Non Hazardous Goods.

Air Transport

ICAO/IATA-DGR: Non Hazardous goods.

Dispatch by Post: Permitted

15. **REGULATORY INFORMATION**

Non-inflammable, non hazardous, soluble in water.

16. **OTHER INFORMATION**

This information is based on our present state of knowledge. It must should not therefore be construed as guaranteeing specific properties of the product described or their suitability for a particular application.

SPECIFICATION

Guar Gum 200-5000 cps

E 412

DESCRIPTION

Appearance	Creamish white
Odour	Unobjectionable
Shelf life	24 months
Storage	Keep under normal conditions, Must avoid contact with water
Country of Manufacture	India

SPECIFICATIONS

Moisture	Max 12%
Identification	Passes E412 test for galactose and mannose
pH	5.5-6.5
Residue (in soluble acid)	Max 3%
Protein	4.5-5.5%
Starch	Negative
Ash	Max 1%
Carbohydrates (including gum by difference)	Min 82%
Solubility (in water)	Hydrates in cold and hot water
Viscosity (1 PCT solution in 2 hours)	Min 5000 CPS
Viscosity (1 PCT solution in 24 hours)	Min 5500 CPS
Mesh Size (Passing through 200 mesh)	Min 95 PCT
Organic Peroxides (active oxygen /kg sample)	<= 0.7 meq
Pentachlorophenol	<0.01 ppm, mg/kg
Heavy metals	< 20 ppm, mg/kg
Arsenic	< 3 ppm, mg/kg
Cadmium	< 1 ppm, mg/kg
Furfural	< 1 ppm, mg/kg
Lead	< 2 ppm, mg/kg
Mercury	< 1 ppm, mg/kg
Packaging	25 kg multi wall paper bag /HDPE paper laminater bag with PE liner inside

MICROBIOLOGICAL

Standard Plate Count	<5000 cfu/gm
Yeasts & Moulds	< 300/gm

Exclusion of Liability

Information contained in this document is accurate to the best of our knowledge and beliefs. However, it remains at all time the responsibility of the customer to ensure that the materials are suitable and meet the regulations for the particular purpose intended. YouWish accepts no liability whatsoever (except as otherwise provided by law) arising out of the use of information supplied.

Salmonella
Coliforms
Escherichia Coli

Negative /25g
Max 50/gm
Negative/10 gm

Exclusion of Liability

Information contained in this document is accurate to the best of our knowledge and beliefs. However, it remains at all time the responsibility of the customer to ensure that the materials are suitable and meet the regulations for the particular purpose intended. YouWish accepts no liability whatsoever (except as otherwise provided by law) arising out of the use of information supplied.

Created on 02/08/2019

27 March 2022

To Whom It May Concern:

This is to state that Guar Gum Powder being supplied by YouWish is suitable for consumption by vegans.