



ARAVALLY PROCESSED AGROTECH PVT. LTD.

*Leading Manufacturer and Exporter of Guar Gum
Powder & Guar Derivatives*



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***Plot No. G1 - 102/103, RIICO Growth Centre - Phase 2,
Abu Road, Rajasthan (307026), India***

IndustryOutlook



IS PROUD TO PRESENT

ARAVALLY PROCESSED AGROTECH

AS ONE OF THE

TOP 10

GUAR GUM MANUFACTURERS

2023

*in acknowledgement of its unwavering focus and dedication
to achieve excellence in quality and delivery in this field.*

Sudhakar Singh

Sudhakar Singh
Managing Editor
Industry Outlook



ABOUT US

Established in 2011, **ARAVALLY PROCESSED AGROTECH PVT. LTD.** is the leading manufacturer of **Guar Gum Powder (GGP) (Cluster Bean Powder)** and Guar Derivatives. In our decade of activity, we have established a clear edge over the competition through the sheer excellence of product quality, consistency, and reliable supply.

We have expertise in producing **FOOD-GRADE GGP**, which is widely used in the food and beverage industry as an additive - a thickener, and stabilizer and for its ability to improve the texture and consistency of products.

We believe in delivering a product that is not compromised on quality parameters and, we strive towards exceeding customer expectations. At **ARAVALLY**, we understand the importance of high-quality ingredients and additives in our industry. That's why our GGP is made from the best-sourced raw materials and is processed to meet the strictest industry standards.

FEED PHARMA
FOOD
INDUSTRIAL



PLANT & MACHINERY



ONE INGREDIENT LIMITLESS APPLICATION



BINDER
EMULSIFIER
STABILISER
THICKENER
BETTER
TEXTURE



ONE PRODUCT LIMITLESS APPLICATION





GUAR BEANS



GUAR SEEDS



GUAR SPLIT



**GUAR
GUM
POWDER**



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Plot No. G1 - 102 & 103, RIICO Growth Center
Phase - II Abu Road, Rajasthan (307026), India

TECHNICAL DATA SHEET

GST No. 08AAJCA9805D1ZO

CIN No. U15203 RJ2011 PTC036484

Guar Gum Powder (Cluster Bean) - Food Grade - INS412

Quality	3000-3500	4000-4500	5000-5500
Technical Specifications			
Gum Content (%)	more than 78%	more than 78%	more than 80%
Moisture (%)	less than 12%	less than 12%	less than 12%
Protein (%)	less than 6%	less than 6%	less than 5%
ASH Content (%)	less than 1%	less than 1%	less than 1%
AIR (%)	less than 3%	less than 3%	less than 3%
Fat (%)	less than 1%	less than 1%	less than 1%
Ph Levels	5.5 - 7.0	5.5 - 7.0	5.5 - 7.0
Arsenic	less than 3.0 mg/kg	less than 3.0 mg/kg	less than 3.0 mg/kg
Lead	less than 2.0 mg/kg	less than 2.0 mg/kg	less than 2.0 mg/kg
Heavy Metals	less than 1.0 mg/kg	less than 1.0 mg/kg	less than 1.0 mg/kg
Appearance	cream/pale white powder	cream/pale white powder	cream/pale white powder
Particle Size & Granulation			
Through 200 mesh	95-99%	95-99%	95-99%
Viscosity			
After 2 hours	3000 CPS	4000 CPS	5000 CPS
After 24 hours	≥3000 CPS	≥4000 CPS	≥5000 CPS
Microbiological Analysis			
TPC/gm	less than 5000 cfu/gm	less than 5000 cfu/gm	less than 5000 cfu/gm
Yeast & Mould	less than 500 cfu/gm	less than 500 cfu/gm	less than 500 cfu/gm
Coliform/gm	Negative	Negative	Negative
Ecoli/10 gm	Negative	Negative	Negative
Salmonella/20 gm	Negative	Negative	Negative



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CIN No. U15203 RJ2011 PTC036484

Guar Gum Powder (Cluster Bean) - Food Grade - INS412

Quality	5500-6000	6000-6500	6500-7000	7000-7500
Technical Specifications				
Gum Content (%)	more than 80%	more than 80%	more than 80%	more than 80%
Moisture (%)	less than 12%	less than 12%	less than 12%	less than 12%
Protein (%)	less than 5%	less than 5%	less than 5%	less than 5%
ASH Content (%)	less than 1%	less than 1%	less than 1%	less than 1%
AIR (%)	less than 3%	less than 3%	less than 3%	less than 3%
Fat (%)	less than 1%	less than 1%	less than 1%	less than 1%
Ph Levels	5.5 - 7.0	5.5 - 7.0	5.5 - 7.0	5.5 - 7.0
Arsenic	less than 3.0 mg/kg	less than 3.0 mg/kg	less than 3.0 mg/kg	less than 3.0 mg/kg
Lead	less than 2.0 mg/kg	less than 2.0 mg/kg	less than 2.0 mg/kg	less than 2.0 mg/kg
Heavy Metals	less than 1.0 mg/kg	less than 1.0 mg/kg	less than 1.0 mg/kg	less than 1.0 mg/kg
Appearance	cream/pale white powder	cream/pale white powder	cream/pale white powder	cream/pale white powder
Particle Size & Granulation				
Through 200 mesh	95-99%	95-99%	95-99%	95-99%
Viscosity				
After 2 hours	5500 CPS	6000 CPS	6500 CPS	7000 CPS
After 24 hours	≥5500 CPS	≥6000 CPS	≥6500 CPS	≥7000 CPS
Microbiological Analysis				
TPC/gm	less than 5000 cfu/gm	less than 5000 cfu/gm	less than 5000 cfu/gm	less than 5000 cfu/gm
Yeast & Mould	less than 500 cfu/gm	less than 500 cfu/gm	less than 500 cfu/gm	less than 500 cfu/gm
Coliform/gm	Negative	Negative	Negative	Negative
Ecoli/10 gm	Negative	Negative	Negative	Negative
Salmonella/20 gm	Negative	Negative	Negative	Negative



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CIN No. U15203 RJ2011 PTC036484

Guar Gum Powder (Cluster Bean) - Technical Grade

QUALITY	2500-3000	3000-3500	4000-4500	5000-5500
Technical Specifications				
Appearance	cream/pale white powder	cream/pale white powder	cream/pale white powder	cream/pale white powder
Odour	natural	natural	natural	natural
Gum Content (%)	more than 78%	more than 78%	more than 78%	more than 80%
Moisture (%)	less than 12%	less than 12%	less than 12%	less than 12%
Particle Size & Granulation				
Through 200 mesh	95-99%	95-99%	95-99%	95-99%
Viscosity				
After 2 hours	2500 CPS	3000 CPS	4000 CPS	5000 CPS

QUALITY	5500-6000	6000-6500	6500-7000	7000-7500
Technical Specifications				
Appearance	cream/pale white powder	cream/pale white powder	cream/pale white powder	cream/pale white powder
Odour	natural	natural	natural	natural
Gum Content (%)	more than 80%	more than 80%	more than 80%	more than 80%
Moisture (%)	less than 12%	less than 12%	less than 12%	less than 12%
Particle Size & Granulation				
Through 200 mesh	95-99%	95-99%	95-99%	95-99%
Viscosity				
After 2 hours	5500 CPS	6000 CPS	6500 CPS	7000 CPS



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FAST HYDRATION GUAR GUM POWDER

Fast Hydration Guar Gum Powder finds application in a multitude of industrial sectors, including oil-well fracturing, oil well stimulation, mud drilling, and various other industrial processes.

In the realm of oil field operations, Guar Gum serves as a versatile component, functioning as a surfactant, synthetic polymer, and deformer, adeptly meeting the diverse rheological demands of both water-based and brine-based drilling fluids. Guar Gum products with elevated viscosity serve as indispensable drilling aids in oil well drilling, geological exploration, and water drilling endeavors.

Additionally, Guar Gum products play a pivotal role in reducing friction within boreholes, thereby minimizing power requirements during drilling operations.

Product Code	APAPL/FH/3542	APAPL/FH/4045	APAPL/FH/4246
	Technical Specifications		
Gum Content (%)	82 min	82 min	82 min
Moisture (%)	7-8 max	7-8 max	7-8 max
Ph Levels	7.0 - 8.0	7.0 - 8.0	7.0 - 8.0
Ash Content (%)	1% max	1% max	1% max
Appearance	white/pale yellow	white/pale yellow	white/pale yellow
Time	FANN Viscosities (CPS)		
3 minutes	35-36 min	40-41 min	42-43 min
60 minutes	36-38 min	41-42 min	43-44 min
120 minutes	40-42 min	40-45 min	42-46 min



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