



DURGA ENTERPRISES

(A GOVT. RECOGNISED EXPORT HOUSE)

PRODUCER & EXPORTERS OF GUAR GUM POWDER, REFINED SPLITS & GUAR MEAL

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SPECIFICATION & ANALYSIS OF GUAR GUM FOOD GRADE MAHACOL-24 (200 Mesh / 5000-5500 Cps)

1) Characteristics:

Physicals and Chemicals with test Methods:

	Limits	Results
BATCH NO		3639
Appearance	Off White Powder	Off White Powder
Particle size	Passing thru 200 Mesh	99.30%
Solubility	Soluble in cold water	Soluble in cold water
Odour	Typical	Typical
Moisture	12.00% Max.	10.40%
Protein	06.00% Max.	3.90%
Ash	01.00% Max.	0.80%
Acid Insoluble Matter	03.00% Max.	01.20%
Gum Contain	80.00% Min.	84.5%
pH	5.5 to 7.0	5.9
Starch	Absent	Absent
Viscosity	1% sol Brookfield RVT, 20 RPM@ 25 C, Spindale No 4	
	02 Hrs 5000 Cps Min.	5330cps
	24 Hrs 5000 -5500 Cps	5460cps

Microbiological:

Plate counts	Less than 5000cfu/g.	1170
Yeast & Moulds	Less than 500cfu /g.	70
Salmonella	Negative/25 g.	Negative/25 g.
E. coli	Negative/g.	Negative/g.
Pseudomonas aeruginosa	Negative/g.	Negative/g.

Heavy Metals:

Lead	Less than 2 ppm	<2ppm
Arsenic	Less than 3 ppm	<3ppm
Cadmium	Less than 1 ppm	<1ppm
Mercury	Less than 1 ppm	<1ppm

2) **PACKAGE:** 25 Kg net paper bag with inside liner

3) **STORAGE:** Keep in dry and fresh place, sheltered from light.

4) **Manufacturing Date:** 16 August 2024, **Expiry Date:** 15 August 2026

- Each production lot/batch is only released when all of the tests comply with the specification.
- Each and every lot/batch is subjected to a strict quality control review in our laboratories and test report is developing to document the results.

Analysis By

Granpat

