

### Certificate of Analysis

Buyer: **Jasmore & Co. S. A.**, Montevideo – Uruguay

Date: 24/03/2024

B/L No.: MEDUJ7059275 Dated 23 MARCH 2024 & Container No.: TRHU1526175 / 20'

**"VIJAYCOL" GUAR GUM:** Features: polysaccharide (galactomannan) hydrocolloidal high molecular weight. It is derived from the ground endosperm of *Cyamopsis tetragonolobus* L. Taub legumes; white to yellowish white powder almost odorless. Dispersible in cold or hot water. Loss on drying 5h at 105 °C: not more than 15%. Stabilizer, thickener, and emulsifier - FCC

**"VIJAYCOL - B/50" GUAR GUM POWDER 200 MESH 5000 CPS  
GUAR GUM TREATED AND PULVERISED IN POWDER FORM**

Parameters / Batch Nos.	VB – 2465	Specifications
Appearance	WHITE TO YELLOWISH-WHITE POWDER	WHITE TO YELLOWISH-WHITE POWDER
Moisture	10.30%	12% Max.
Total Ash	0.70%	1% Max.
Protein	3.20%	5% Max.
Acid insoluble substances	1.90%	3% Max.
Galactomannan	83.90%	66% Min.
<b>Viscosity 1% Solution</b>		
2 Hours	5100 CPS	5000 cps Min.
24 Hours	5300 CPS	5100 cps Min.
pH. (at 1% Solution)	6.10	5,4 – 6,4
Starch	Absent	Negative
Arsenic (As)	Absent	3 ppm Max.
Lead	1 mg /kg	5 ppm Max.
Heavy Metals as Pb	2 mg /kg	20 ppm Max.
Iron	Absent	5 ppm Max.
Copper	Absent	5 ppm Max.
<b>Granulometry (%)</b>		
On US mesh 100 (150 micron)	Nil	
Thru US mesh 200 (75 micron)	98.80%	90% Min.
Bags (Each 25 Kgs Net)	720	
Quantity (Weight)	18000 Kilograms	
Manufacturing Date	06 MAR 2024	
Expiry Date	05 MAR 2026	
CAS Number	9000 - 30 - 0	
E - Number	E - 412	
Tariff (HS) / NCM Number	1302.32.20	