

AGLUMIX-01

TARA GUM

CERTIFICADO DE ANALISIS / ANALYSIS CERTIFICATE

Contrato/Contract	: 0005505-IV
Cliente/Customer	:
Calidad / Quality	: estandar/standar
Cantidad / Quantity	: 1 tn en sacos de 25 Kg netos/ 1 tn in 25 kg package
Empaque / Package	: sacos de papel con bolsa interior de polietileno/ paper package inside polietilen bag
Destino/ Port-Country	: BUENOS AIRES-ARGENTINA
Lote / Lot	: 24050124
Fecha de Producción / Production Date	: 05/01/2024
Fecha de Vencimiento / Expire Date	: 05/01/2028

Analysis Fisico -Químico / Physical and Chemicals Analysis		
Analisis / Analysis	Resultados/ Results	Especificacion/ Specifications
Aspecto / Appearance	Conforme/ ok	Polvo blanco-blanco amarillento / White Powder to yellowish white
Olor / Odour	Conforme/ ok	Sin olor/ Odorless
Galactomananos/ Galactomanans *	88.11%	Min 80%
Proteínas / Proteins(Nx5,7) *	2.15%	Max 3.5%
Grasas / Fats *	0.30%	Max 0.85%
Cenizas / Ashes *	0.90%	Max 1.5%
Insolubles en acido / Insolubles in Acid *	0.25%	Max 2%
Humedad / Moisture	7.28%	Max 15.00%
Plomo / Lead *	Ausente/ Undetectable	Max 2 ppm
Arsenico / Arsenic *	Ausente/ Undetectable	Max 3 ppm
Mercurio / Mercury *	Ausente/ Undetectable	Max 1 ppm
Cadmio / Cadmium *	Ausente/ Undetectable	Max 1 ppm
Total metales pesados / Total heavy metals (Cu+Zn) *	Ausente/ Undetectable	Max 20 ppm
Almidon/ Starch *	Ausente/ Undetectable	Ausente/ Undetectable
Viscosidad / Viscosity	5140	4000 - 6800 cps
Granulometria	a traves de malla/ through mesh 100(150um)	99.88
Particle Size	a traves de malla/ through mesh 200 (75um)	58.32
Analysis Bacteriologico / Bacteriological Analysis		
Aerobios Mesofilos / Total Plate Count	300	≤ 5000 u.f.c./g
Mohos y levaduras / Moulds and Yeast	100	≤ 500 u.f.c./g
Escherichia Coli - Coliforms	Ausente/ Undetectable	Ausente/ Undetectable/ 1g
D. Salmonella (Detection) *	Ausente/ Undetectable	Ausente/ Undetectable/ 25g

Referencial data from Lot N°81140623 sent to an external laboratory every six months

METODOS/ METHOD: FCC, Seventh Ed. (2010) Pag. 460 Guar Gum Loos on Drying. **SUSTANCIAS INSOLUBLES EN ACIDO/ ACID-INSOLUBLE MATTER:** FCC, Seventh Ed. (2010) Pag. 459 Guar Gum. **ALMIDON/ STARCH:** FCC, Seventh Ed. (2010) pag. 840 Guar Gum. **GALACTOMANANOS/ GALACTOMANANS:** determinacion por calculo/ determination by estimate. **PROTEINAS/ PROTEINS:** FCC, Seventh Ed. (2010) pag. 840 Guar Gum. **GRASAS/ FATS:** AOAC 983.15 C31, 18th Ed. 2005. Fat in cacao products. Soxhlet extraction method. (Hidrolisis Acida). **CENIZAS/ ASHES:** FCC, Seventh Ed. (2010) Pag. 460 Guar Gum. **PLOMO, ARSENICO, MERCURIO, CADMIO/ LEAD, ARSENIC, MERCURY and CADMIUM:** NOM - 117 - SSA1 - 1994. Bienes y Servicio. Método de prueba para la determinacion de Cadmio, Arsenico, Plomo, Estaño, Cobre, Hierro, Zinc y Mercurio en alimentos, agua potable y agua purificada por espectrometría de absorción atómica. / Test Method for determination: cadmium, Arsenic, Lead, Copper, Tin, iron, Zinc and Mercury in Food, Drinking and purified water by atomic absorption spectrometry. **METALES PESADOS/ HEAVY METALS:** USP 29 (2008) pag. 158 < 231 > Metales pesados Metodo II / Method II Heavy Metals. **VISCOSIDAD/ VISCOSITY:** Brookfield AOAC 10-87 (1%, 20 RPM con Spindle N° 4, 25°C) cps=1mPas. **AEROBIOS MESOFILOS/ TOTAL PLATE COUNT:** AOAC 990.12 Aerobic Plate Count on Foods, Dry Rehydratable Film Methods. **MOHOS Y LEVADURAS/ MOULDS and YEAST:** AOAC 997.02 Yeast and Moulds counts in foods, Dry Rehydratable Film Method. **ESCHERICHIA COLI y COLIFORMES/ COLIFORMS:** AOAC 991.14 Coliform and E. coli Counts in Foods, Dry Rehydratable Film Method. **SALMONELLA (detección/ detection):** ICMSF 2da Ed.1983, Vol. I parte II, P. 172 - 176 Pto. 10 (a) y (e), 177 - 178 (Trad. de la version 1988) Reimpresa en el 2000. Editorial Acribia

Q.F. Eva Mayta
Quality Control Laboratory

