



INTELART IMPORT S.L., NIF: B-01628056 Dirección: C/Mar, 98, 2-5, 08380 Malgrat de Mar, Barcelona, España

TECHNICAL DATA SHEET GUM ARABIC

Content	Gum arabic purified and spraydried
Legal position	E414, Regulations 231/2012/EC and 1333/2008/EC, USP/NF, FCC, Eur.Ph.
Maximum storage	3 years.
Standard packaging	Net 25kg multilayer paper bags with inner polyethylene liner
Storage conditions	Keep closed in cool and dry place in original intact packaging.

MATERIAL CHARACTERISTICS

Physical and chemical data		
Analysis	Methods	Specifications
Color of 25% solution	Lovibond	≤ 10
Viscosity of 25% solution (mPa.s)	Brookfield LVF 60 rpm	60 to 100 mPa.s
Moisture (5H-105°C) (%)	USP 921 Method III	≤ 10%
pH of 25% solution	Eur.Ph	4.1 to 5.0
Acid insoluble matters (%)	Eur.Ph	≤ 0.10%
Total ashes (%)	FCC	≤ 4.0%
Acid insoluble ashes (%)	USP 561	≤ 0.5%
Solubility and reaction*	Eur.Ph	Passes test
Glucose and fructose*	Eur.Ph	Passes test
Starch, dextrin and agar*	Eur.Ph	Passes test
Sterculia gum*	Eur.Ph	Passes test
Tragacantha*	Eur.Ph	Passes test
Tannins*	Eur.Ph	Passes test
Identification*	Eur.Ph	Passes test
Heavy metals		
Analysis	Methods	Specifications
Lead* (ppm)	ICP-OES/ICP-MS	≤ 0.1 ppm
Arsenic* (ppm)	ICP-OES/ICP-MS	≤ 0.5 ppm
Mercury* (ppm)	SAA	≤ 0.1 ppm
Cadmium* (ppm)	ICP-OES/ICP-MS	≤ 0.1 ppm
Total heavy metal* (ppm)	FCC Method II	≤ 5ppm
Microbiological		
Analysis	Methods	Specifications
Total plate count (CFU per g)	ISO 4833-1	≤ 500/g
Yeast and molds CFU per g)	ISO 6610	≤100/g
E.coli	NF ISO 7251	ABS/5g
Salmonella	NF EN ISO 6579-0	ABS/25g
Mesophilic aerobic spores (CFU per g)	ISO 4833-1	≤300/g

* tested 1/year (product of the same grade)