

TECHNICAL DATA SHEET

THIXOGUM G

Content	Association of acacia gum and gellan gum, granulated
Legal position	Acacia gum and Gellan Gum (E414, E418)
Maximum storage	2 years
Standard packaging	Net 20 kg multilayer paper bag with polyethylene inner liner
Storage conditions	Keep closed in a cool and dry place in original intact packaging

MATERIAL CHARACTERISTICS

Physical and chemical data

Analysis	Methods	Specifications
pH of 0.8% solution	Eur.Ph	4.0 to 6.0
Viscosity of 0.8% solution (mPa.s)	Brookfield RVT 20 rpm	400 to 800 mPa.s
Moisture (5H-105°C) (%)	USP 921 Method III	≤12%
Mesh size above 210 µm (%)	Laser granulometry	≥40%
Cocoa suspension at 0.3%	Internal	Conform
suspension d'huile à 0.3%	Internal	Conform

Heavy metals

Analysis	Methods	Specifications
Lead* (ppm)	ICP-OES/ICP-MS	≤2 ppm
Arsenic* (ppm)	ICP-OES/ICP-MS	≤3 ppm
Mercury* (ppm)	SAA	≤1 ppm
Cadmium* (ppm)	ICP-OES/ICP-MS	≤1 ppm
Total heavy metal* (ppm)	FCC Method II	≤20 ppm

Microbiological

Analysis	Methods	Specifications
Total plate count (CFU per g)	ISO 4833-1	≤2000/g
Yeast and molds (CFU per g)	ISO 6611	≤200/g
E.coli	NF ISO 7251	ABS/5g
Salmonella	NF EN ISO 6579-1	ABS/25g

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

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