

TECHNICAL DATA SHEET

INAVEA ESSENTIAL

Content	Organic Acacia Seyal gum purified and instantised (soluble dietary fibre)
Legal position	Regulations 231/2012/EC, USP/NF, FCC, Eur.Ph / Regulations (EC) 848/2018, 834/2007/EC and USDA-NOP(Certified by ECOCERT FR-BIO-01)
Maximum storage	3 years
Standard packaging	Net 25 kg multilayer paper bag with inner polyethylene liner
Storage conditions	Keep closed in a cool and dry place in original intact packaging

MATERIAL CHARACTERISTICS

Physical and chemical data

Analysis	Methods	Specifications
Description		BROWN TO DARK
Total dietary fibers (on dry weight) (%)	AOAC 985.29	≥ 90%
pH of 25% solution	Eur.Ph	4.1 to 4.8
Color of 25% solution		BROWN TO BLACK
Viscosity of 25% solution (mPa.s)	Brookfield LVF 60 rpm	60 to 130 mPa.s
Moisture (5H-105°C) (%)	USP 921 Method III	≤ 10%
Acid insoluble matters (%)	Eur.Ph	≤ 0.5%
Total ashes (%)	Eur.Ph	≤ 4.0%
Acid insoluble ashes (%)	USP 561	≤ 0.5%
Mesh size through 63 µm (%)	Vibro sieving	≤ 15%
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	≤ 5 ppm

Microbiological

Analysis	Methods	Specifications
Total plate count (CFU per g)	ISO 4833-1	≤1000/g
Yeast (CFU per g)	ISO 6611	≤100/g
Molds (CFU per g)	ISO 6611	≤100/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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