

TECHNICAL DATA SHEET

NALTIVE LBG S3

Content	Locust bean gum E 410
Legal position	Regulations 231/2012/EC, 1333/2008/EC, FCC, JECFA, 21 CFR 184.1343
Maximum storage	2 years
Standard packaging	Net 25 kg 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 the powder	Visual	WHITE TO CREAM
pH of 1% solution	Eur.Ph	5 ≤ X ≤ 7
Hot viscosity of 1% solution (mPa.s)	Anton Paar 20 rpm 1% w/w 25°C	≥ 2400 mPa.s
Total ashes (%)	Eur.PH	≤ 1,2%
Acid insoluble matters* (%)	ASU-L-53.00-4:1996-02	≤ 4%
Galactomannan* (%)	Enzymatic test	≥ 75%
Moisture (%)	IR 130°C	≤ 14%
Proteins* (%)	ASU L06.00-7	≤ 7.0%
Mesh size over 150 µm (%)	Vacuum sieving	≤ 2.0%
Mesh size through 75 µm (%)	Vacuum sieving	≤ 60.0%
Starch*	VO(EG) 152-2009 III L	Passes test
Residual solvents*	GC/FID	Passes test

Heavy metals

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

Microbiological

Analysis	Methods	Specifications
Total plate count (CFU per g)	ISO 4833-1	≤ 2500/g
Yeast and molds (CFU per g)	ISO 21527	≤ 150/g
E.coli	NF ISO 4831	ABS/g
Salmonella	NF EN ISO 6579-1	ABS/25g

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

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