

## TECHNICAL DATA SHEET

## NALTIVE LBG S1

<b>Content</b>	Locust bean gum E 410
<b>Legal position</b>	Regulations 231/2012/EC, 1333/2008/EC, FCC, JECFA, 21 CFR 184.1343
<b>Maximum storage</b>	2 years
<b>Standard packaging</b>	Net 25 kg paper bags with inner polyethylene liner
<b>Storage conditions</b>	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	≥ 2800 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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