

SPECIFICATIONS

PRODUCT REFERENCE	SHELLAC BLONDE DEWAXED
PRODUCTO	SHELLAC
DESCRIPTION	Locust bean gum is the ground endosperm of the seeds of the natural strains of carob tree, <i>Cerastionia siliqua</i> (L.) Taub. (family <i>Leguminosae</i>). Consists mainly of a high molecular weight hydrocolloidal polysaccharide, composed of galactopyranose and mannopyranose units combined through glycosidic linkages, which may be described chemically as galactomannan.
EINECS:	232-541-5
CAS:	9000-40-2

PARAMETER	TARGET VALUE		METHOD
	Minimum	Maximum	
Appearance	White to yellowish-white, nearly odourless powder		FCC/231/2012 / EU
Solubility	Soluble in hot water, insoluble in ethanol		FCC
Identification	Passes tests		FCC
Starch	Not detectable		FCC
Galactomannas, %	75		FCC
Protein (Nx6,25), %		7	FCC
Ethanol and propane-2-ol, %		1	GC
Ash, %		1,2	FCC

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Acid-insoluble matter, %		4	FCC
Los son drying, %		14	FCC
pH-value (1% in H2O w/w)	5	7	PM LBG 05
Viscosity (1 % in H ₂ O w/w, 86 - 89 °C) [mPa s] ₁	2600	3200	PM LBG 01
Arsenic (ppm)		3	FCC
Lead (ppm)		2	FCC
Mercury, (ppm)		1	ASS
Cadmium (ppm)		1	ASS

MICROBIOLOGICAL ANALYSIS			
PARAMETER	TARGET VALUE		METHOD
	Minimum	Maximum	
Total plate count (cfu/g)		5000	Ph. Eur.
Yeast (cfu/g)		200	Ph. Eur.
Mould (cfu/g)		200	Ph. Eur.
E. coli (in 1 g)		Absent	Ph. Eur.
Salmonella spp. (in 25 g)		Absent	Ph. Eur.

According to listed parameters product fulfils requirements of E 410.

Packaging: Multiwallpaper-polyinner-bags.

Best before and storage: 24 months at cool and dry storage from date of production / test date.

Statements: Product fulfils the following requirements (available on request):
EU regulations for food additives
EU regulations for pesticides
EU regulations for the exclusion of allergens
EU regulations for the exclusion of GMO

EU regulations for the exclusion of solvent residues
EU regulations for the exclusion of ionizing radiations
EU regulations for the exclusion of BSE/TSE
Kosher – parve
Halal

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