

LIGHT MALT EXTRACT DIASTATIC POWDER

Version 5
Valid from: 6th January 2005

Specification

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Short description

Diastatic malt extract dried under vacuum
Based on barley, malted barley and lecithine (sun flower),
Technical aids enzymes (amylases)
abt. 150 °WK diastatic power

	Dimension Microbiology:	Nom. value	Minimum Tol. value	Maximum Limiting value	Parameter
Basic analysis					
Water	g/100g	2,0	1,0	3,0	
Protein	g/100g	5,4	4,9	5,9	
Protein factor	6.25				
Fat	g/100g	0,2	0,1	0,3	
Ash	g/100g	1,7	1,5	1,9	
Carbohydrates by diff..	g/100g	90,7			
Dry matter	g/100g	98,0	97.0	99.0	
Energy in kJ	per 100g	1641			
Energy in kcal	per 100g	386			
Mineral & Traces el.					
Sodium	g/100g	0.037	0.029	0.045	
Potassium	g/100g	0.610	0.480	0.740	
Calcium	g/100g	0,015	0,012	0,018	
Magnesium	g/100g	0,087	0,069	0,103	
Phosphorus	g/100g	0,370	0,293	0,446	
Iron	mg/100g	0,57	0,46	0,69	
Carbohydrates					
Glucose	g/100g	9,7	7,8	11,6	
Fructose	g/100g	1,5	1,3	1,8	
Sucrose	g/100g	0,6	0	1,2	
Maltose	g/100g	49,0	43,5	53,7	
Maltotriose	g/100g	2,0	1,6	2,4	
Degree of acidity	ml/100g	15,5	12,5	18,6	1n NaOH
Enzyme activity					
Diastatic power	°WK	150	140	200	

Residues

Toxins according to local legislation.

Pesticides

Insecticides according to local legislation.
Fungicides according to local legislation.
Acaricides according to local legislation.

Contaminants

Genetically modified organisms

GMO-Free Origin Guaranteed, according to EU-Regulatives 1829/2003, 1830/2003 and Swiss Food Legislation.

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Allergens

Contains cereals with gluten	Yes
Contains milk & milk products	No
Contains eggs & egg products	No
Contains fish & fish products	No
Cont. crustaceans & prods.	No
Contains soybeans & soy prods.	No
Cont. peanuts & peanut prods.	No
Contains nuts & nut products	No
Cont. sesame seeds & products	No
Contains celery & celery prod.	No
Contains mustard	No
Contains honey	No
Cont. sulphites (from 10mg/kg)	No
Contains garlic	No
Contains umbelliferae	No
Contains coriander	No
Contains glutamate (E620-E625)	No
Contains BHA/BHT (E320+E321)	No
Cont. benzoic acid (E210-E213)	No
Contains lupines	No
Contains azo-dyes	No
Contains aspartame	No
 Vegan	 Yes

Physical spec.

pH - value		5,5	5,0	6,0	10 %
Colour	EBC	6.5	5	18	10 % sol..

Sensoric

Appearance/colour	yellow-beige, homogeneous Powder
Odour	pure, malty
Taste	sweet, slightly bitter and typical malty
Texture/consistency	powder

Microbiological Specs

Total aer.mesoph. org.	per gram	< 10.000	< 50.000
Moulds	per gram	< 100	< 1.000
Yeasts	per gram	< 100	< 1.000
Salmonellae	negativ	in 100 g	in 100 g
Total enterobact.	per gram	< 10	< 100
Bacillus cereus	per gram	< 100	< 1000
Remarks Microbiology	For all unmentioned organisms the legal tolerance value is applied as limiting value.		

Shelf life

Time	Months		12 *
Temperature	°Celsius	10	25
Relative humidity	% r.H.	30	75

Remarks * depending on packaging
 * Malt extract powder is highly hygroscopic!