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Wheat Malt Extract Specification

Product label: Wheat Malt Extract
EAN: 14 kg package: 8594007870121

I. Organoleptic characteristic:

- colour:** thighed, dark amber
- smell:** typical light-malted, honey, clear, without undesirable smell
- taste:** typical light-malted, sweet, without undesirable taste
- consistence:** thick liquid, honeyed consistence
- description:** liquid Wheat malt extract is made of the mixture of 56-65% **Wheat** Malt and 35-44% Czech Malt-Pilsen type (**barley**) and drinking water, inspissated in special vaporizer; The Malt Extract does not contain GMOs and does not contain GM labeled raw materials.; The product was not irradiated.
- additives:** without any additives, conservative substance, pigments or artificial aromas

Main allergens (EU No.: 1169/2011)	Is this allergens in extract?	Possible cross contamination
Cereals with gluten (wheat, rye, barley, oat, spelt wheat, kamut, or hybridized strain) and by-products	Yes	No
Lupin an by-products	No	No
Shellfish and by-products	No	No
Molluscs and by-products	No	No
Eggs and by-products	No	No
Fish and by-products	No	No
Peanut and by-products	No	No
Soya and by-products	No	No
Milk and by-products (including lactose)	No	No
Nuts (almond, walnut, Cashew nut, Pecan nut, Brazil nut, pistachio, Macadamia nut, Queensland nut) and by-products	No	No
Sulphur dioxide and sulphites > 10 mg/kg	No	No
Sesame seeds and by-products	No	No
Mustard and by-products	No	No
Celery and by-products	No	No

Used raw material were not genetically modified. Product contains gluten. The product is in full accordance with EU Regulation 178/2002/EC with later amendments.

II. Physico-chemical and hygienic characteristics:

NUTRITIONAL INFORMATION 100 g:	
Energy value:	804,9 / 192,2 kcal
Fat	< 0,3 g
- of which saturated	< 0,3 g
Carbohydrates	41,9 g
- of which sugars	41,6 g
Proteins	5,12 g
Salt	0,109 g

solids:..... 81,0±2,5°Bx
density 20°C..... 1,39 – 1,41 g/ml
pH..... 4,3 - 5,8
Pb..... 0,004 mg/kg
Cd..... 0,001 mg/kg
Colour 30-40 EBC

Heavy metal residues: Tested according to monitoring plan to confirm compliance with EU Regulation 1881/2006/EC with later amendments setting maximum levels for certain contaminants in foodstuffs.

Pesticide residues: Tested according to monitoring plan to confirm compliance with EU Regulation 396/2005/EC with later amendments.

The product is produced in accordance with EU Regulation 852/2004. The manufacturer has established functional traceability of the raw materials used.

III. Microbiological characteristics:

Total amount of micro-organism:	less than 10 ⁵ /g	ČSN ISO 4833
Coliform bacteria:	less than 10 ⁴ /g	ČSN ISO 4832
Yeast:	less than 10 ³ /g	ČSN ISO 7954
Mould:	less than 10 ² /g	ČSN ISO 7954

These microbiological norms answer to the production requirements of COMMISSION REGULATION (EC) No. 1831/2003.

IV. Wrapping:

Product is wrapped to plastic buckets per 14 kg, 14 kg plastic canisters, plastic dose per 1,7 kg, plastic barrels per 49 kg, zinc-coated metal barrels with polyethylene inset per 280 kg.

V. Stocking:

Product should be stored between 1 and 18°C, under cover – max. relative air humidity up to 60%, without direct solar radiation, in clean room without off-flavour. After the opening of the packaging, the malt extract has to be stored in a fridge (between 1- 5°C). For the scooping it is necessary to use clean and dry ladle all the time.

VI. Recommended dosage

In case of the using for the brewing 0,12-0,2 kg/liter, according to the requested gravity of the wort.

VII. Durability:

Minimum durability is:
1,7 kg packaging ... 6 months after the production;
14 kg plastic buckets ... 9 months after the production

director