



Mineral fortified oat drink

with Special Salts and TayaGel®

Ingredients	Supplier	Quantity	
1 Oat flour	Lantmännen	79.00 g	15.80 %
2 Water		214.90 g	43.00 %
3 Enzyme Ban 480L	Novozymes	0.015 g	0.003 %
4 Enzyme Termamyl Classic	Novozymes	0.296 g	0.059 %
5 Ice		197.50 g	39.50 %
6 Enzyme Fungamyl 800L	Novozymes	0.296 g	0.059 %
7 Salt		0.20 g	0.05 %
8 Canola oil		2.40 g	0.50 %
9 TayaGel® HA	Jungbunzlauer	0.125 g	0.025 %
10 Tricalcium Citrate	Jungbunzlauer	3.00 g	0.60 %
11 Trimagnesium Citrate	Jungbunzlauer	0.40 g	0.07 %
12 Tripotassium Citrate	Jungbunzlauer	1.80 g	0.35 %
13 Zinc Citrate Dihydrate	Jungbunzlauer	0.015 g	0.003 %
Total		500 g	100 %

Directions

- 1 Mix oat flour and water
- 2 Add the liquefaction enzymes Ban 480L and Termamyl Classic, heat to 90 °C (194 °F) for 30 min
- 3 Add ice and cool mixture down to 60 °C (140 °F)
- 4 Add the saccharification enzyme Fungamyl 800L and keep at 60 °C (140 °F) for 30 min
- 5 Filtrate the leftover oat particles of the drink
- 6 Mix in TayaGel® HA, the Jungbunzlauer minerals, salt and canola oil
- 7 Homogenise at 200 / 50 bar
- 8 Heat to 142 °C (288 °F) for 2 sec to inactivate the enzymes and get a shelf stable product
- 9 Cool down while stirring and fill aseptically

Nutrition Information

	per 100 ml (EU*)	per serving (240 ml) (US**)
Energy	261 kJ / 62 kcal	150 kcal
Fat	1.40 g	3.25 g
of which saturated	0 g	0 g
Carbohydrates	11.00 g	26.50 g
of which sugars	3.70 g	9.00 g
Fibre	1.00 g	2.50 g
Protein	2.10 g	5.00 g
Sodium	25.00 mg	60.00 mg
Calcium	141.00 mg	339.00 mg
Potassium	194.00 mg	468.00 mg
Magnesium	19.00 mg	47.00 mg
Zinc	1.00 mg	2.40 mg

Nutrition Claims

- High in calcium (18% NRV* / 26% DV**)
- Source of potassium (10% NRV*) and good source of potassium (10% DV**)
- Good source of magnesium (11% DV**)
- Source of zinc (10% NRV*) and high in zinc (21% DV**)

* Regulation (EC) No 1924/2006 & Regulation (EU) No 1169/2011

** FDA – Code of Federal Regulations 21 CFR 101.60 & 101.9



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The information contained herein is meant to demonstrate how our products can be used. This formulation has been subjected to limited stability tests and has been shown to perform well. The given data are suggestions without any guarantee aimed to support customers' development.