



Nutress.

▶ ESSENTIALS™ A NUTRESS BRAND

Nutress was founded in 2012 and has grown into Europe's biggest and most innovative algae food company. It manufactures and markets essential nutrients for feed, food and pharma and focuses primarily on the food segment.

Meeting the needs of next generations, new food standards are required. By continuously innovating, preferably through partnerships, Nutress enables tomorrow's food demand. This is realized by cultivating, developing and commercializing algae.

Nutress believes that this can be achieved most effectively by large scale production of biomass and essential nutrients, e.g. omega-3 fatty acids, astaxanthin, lutein and others on demand.

▶ PRODUCTS

- Essentials™ Pasta
- Essentials™ Bread and cake mixes
- Essentials™ Crackers and toast

▶ ESSENTIALS™ FOODD

Essentials™ Food is world's most natural food containing a significant amount of algae.

In addition to the four tastes recognized worldwide - salty, sweet, sour and bitter - algae provide the fifth taste of 'umami'. Umami stimulates the salivary glands and therefore enhances sweet and salty flavors.

Essentials™ Food is free of artificial nutrients, could contain 30 % less salt, whilst remaining the good savory taste, is GMO free and extends the shelf life by 50%. These products combine the advantages of good grains, algae and other nutrients. Essentials™ products are 100% vegan and solely produced in The Netherlands.

▶ CERTIFICATES



▶ Meet the Absolute Algae Supplier

▶ Essentials™ Food



essentials

▶ BENEFITS

- ISO 22000 certified
- 100% EFSA compliant
- 100% Delivery guarantee
- 100% Dutch

▶ FEATURES

- 100% Natural algae strains
- 100% Superior quality
- 100% GMO and Iodine free
- 100% Natural ingredients

Nutress is a Phycom company founded in 2009

ESSENTIALS™ BREAD & CAKE MIXES

Essentials™ Bread is low in sugar and contains 42% less fat than normal wheat bread. Due to the algae this bread contains 30% less salt compared to ordinary wheat bread.

Essentials™ Bread is rich in protein content, so it provides better muscle growth and faster saturation.

SPECIFICATIONS



NUTRITIONAL VALUES

per 100 gram BREAD whole grain finished product

Energy	241 Kcal / 920 kJ
Total lipid (fat)	4,84
of which saturated	0,51
Monounsaturated	2,41
Polyunsaturated	0,35
Carbohydrates	39,01
of which sugars:	0,42
Fibers	2,00
Protein	8,32
Sodium*	0,49

Vitamins:	Mg.	%RDA
B1	0,11	9,6%
B2	0,10	6,6%
B3	0,16	1,0%
B6	0,10	6,9%
B11	0,02	7,9%
C	0,56	0,7%
E	0,32	2,7%

Minerals:	Mg.	%RDA
Calcium	15,50	1,9%
Copper	0,06	5,7%
Iron	0,72	5,2%
Manganese	0,03	1,3%
Magnesium	6,56	1,8%
Potassium	,4	13,7%
Phosphorus	255,8	36,5%
Zinc	0,05	0,5%

Carotenoids:	Mg.	%RDA
Beta-carotene	0,63	
Lutein	2,11	
Zeaxantine	0,18	

* naturally present

PRODUCT INFORMATION

Consumer package

	BREADMIX	BREADMIX	CAKEMIX
	Whole grain	Multi grain	
Physical condition	flour	flour	flour
Content per pack	500 gr	500 gr	500 gr
Package	cream white	cream white	cream white
Article number	100011	100012	100014
EAN code	8718657860251	8718657860299	8718657860268
Minimum order quantity (MOQ)	500 kg	500 kg	500 kg
Shelf life unopened	9 months	9 months	9 months
Delivery conditions	Ex Works		
Terms of payment	50% on order, 50% after delivery		
Payment dates	Fortnight		

PACKAGING BULK

	BOX	BOX	BOX
Article number	100024	100025	100027
EAN code	8718657860411	8718657860428	8718657860442
Content	12 packs	12 packs	12 packs
Size in mm	295 X 235 X 130	295 X 235 X 130	295 X 235 X 130
Material	carton	carton	carton

ANALYTICAL RESULTS ALGAE RESULTS UNITS VALIDATION DATE

Water activity in-house method-GU508	0,312	-	30-01-2014
Aerobic mesophilic plate count in accordance with ISO 4833	<100	cfu/g	03-02-2014
Enterobacteriaceae in accordance with ISO 21528	<10	cfu/g	30-01-2014

[Full report download here](#)

▶ CAKE MIX



ESSENTIALS™ PASTA

Essentials™ Pasta is made from Spelt and algae. Spelt is an ancient grain, which is pure and contains a higher amount in protein.. The pasta is higher in nutritional values, it's glycaemic index is low and it is much tastier. With Essentials™ Pasta athletes benefit from a longer and better energy release. Several professional athletes already use Essentials™ Pasta in their diet with great success.



NUTRITIONAL VALUES per 100 gram dried product		
Energy	353 Kcal / 1478 kJ	
Total lipid (fat)	1,96	
of which saturated	0,39	
Monounsaturated	0,46	
Polyunsaturated	1,01	
Carbohydrates	81,18	
of which sugars:	8,16	
Fibers	2,85	
Protein	14,57	
Sodium*	0,88	
Vitamins:	Mg.	%RDA
B1	0,25	22,67%
B2	0,10	6,54%
B3	0,25	1,58%
B6	0,01	0,51%
B11	0,04	21,58%
C	0,89	1,11%
E	0,51	4,23%
Minerals:		
Calcium	9,3	1,16%
Copper	0,34	34,41%
Iron	2,90	20,69%
Manganese	0,04	2,00%
Magnesium	57,75	15,40%
Potassium	236,55	11,83%
Phosphorus	233,37	33,34%
Zinc	2,11	21,15%
Carotenoids:		
Beta-carotene	0,99	
Lutein	3,33	
Zeaxantine	0,28	

* naturally present

PRODUCT INFORMATION			
Consumer package			
	CASARECCE	TROTTOLE	CONCHIGLIE
Physical condition	thin reed	scewers	shells
Content per pack	450 gr	450 gr	450 gr
Package	food grade foil	food grade foil	food grade foil
Article number	100017	100018	100019
EAN code	8718657860312	8718657860329	8718657860336
Minimum order quantity (MOQ)	60 kg	60 kg	60 kg
Shelf life unopened	1 year	1 year	1 year
Delivery conditions	Ex Works		
Terms of payment	50% on order, 50% after delivery		
Payment dates	Fortnight		
PACKAGING BULK			
Package	BOX	BOX	BOX
Article number	100030	100031	100032
EAN code	8718657860473	8718657860480	8718657860497
Content	22 packs	22 packs	22 packs
Size in mm	410 x 430 x 240	410 x 430 x 240	410 x 430 x 240
Material	carton	carton	carton
ANALYTICAL RESULTS			
ALGAE			
Water activity in-house method-GU508	0,312	-	30-01-2014
Aerobic mesophilic plate count in accordance with ISO 4833	<100	cfu/g	03-02-2014
Enterobacteriaceae in accordance with ISO 21528	<10	cfu/g	30-01-2014

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▶ CONCHIGLIE



ESSENTIALS™ CRACKERS & TOAST

To Essentials™ Crackers linseed and rapeseed oil is added to enhance the pure flavors. Linseeds contain high levels of dietary fiber as well as lignans and an abundance of micronutrients.

Essentials™ Crackers contain 6,5% omega-3 and omega-6 fatty acids. Consuming only 2 crackers meet the nutritional demand for 1 meal.

SPECIFICATIONS



NUTRITIONAL VALUES

per 100 gram Crackers & toast

Energy	485 Kcal / 2030 KJ
Total lipid (fat)	14,5
of which saturated	1,3
Monounsaturated	
Polyunsaturated	
Carbohydrates	58,6
of which sugars:	1,28
Fibers	25,0
Protein	17,4
Sodium*	0,6

Vitamins:	Mg.	%RDA
A	0,03	3,75%
B2	0,21	14,0%
B6	0,14	10,0%
C	0,3	0,38%

Minerals:	Mg.	%RDA
Fosfor	485	69,29%
Iron	0,6	4,29%
Magnesium	2,0	0,53%

Carotenoids:	Mg.	%RDA
Lutein	1,3	
Omega		
Linoleic acid (omega 6)	33,2	
Linolenic acid (omega 3)	32,3	

PRODUCT INFORMATION

Consumer package

	CRACKERS	TOAST
Content per pack	8 psc.	20 psc.
Package	food grade foil	food grade foil
Article number	100006	100005
EAN code	8718657860282	8718657860275
Minimum order quantity (MOQ)		
Shelf life unopened		
Delivery conditions	Ex Works	
Terms of payment	50% on order, 50% after delivery	
Payment dates	Fortnight	

PACKAGING BULK

	BOX	BOX
Package	BOX	BOX
EAN code	8718657860466	8718657860459
Content	10 packs	12 packs
Size in mm	295 X 235 X 130	295 X 235 X 130
Material	carton	carton

ANALYTICAL RESULTS ALGAE

RESULTS	UNITS
Water activity in-house method-GU508	0,312
Aerobic mesophilic plate count in accordance with ISO 4833	<100
Enterobacteriaceae in accordance with ISO 21528	<10

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Nutress

Feeding the world sustainably

▶ CRACKERS - TOAST



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