



## BLEMIL 2 OPTIMUM EVOLUTION

Nutritional Analysis (per 100 g and per 100 ml - 13.5%) for the given product.

Nutrient	Per 100 g	Per 100 ml (13.5%)
Energy Value	487 kcal	66 kcal
	2040 kJ	275 kJ
Protein	9.2 g	1.2 g
Fat	23 g	3.1 g
Linoleic Acid ( $\omega$ -6)	3400 mg	459 mg
A-Linolenic Acid ( $\omega$ -3)	400 mg	54 mg
DHA ( $\omega$ -3)	120 mg	16.2 mg
Carbohydrates	59.3 g	8.0 g
Lactose	49.3 g	6.7 g
Maltodextrin	10 g	1.35 g
Fiber	3 g	0.4 g
Inulin	2.7 g	0.4 g
HMOs	0.3 g	0.04 g
Choline	150 mg	20.3 mg
Taurine	36 mg	4.9 mg
Inositol	100 mg	13.5 mg
L-Carnitine	10 mg	1.4 mg

Mineral Content (per 100 g and per 100 ml - 13.5%) for the given product.

Mineral	Per 100 g	Per 100 ml (13.5%)
Sodium	180 mg	24.3 mg
Potassium	470 mg	63.5 mg
Chlorine	380 mg	51.3 mg
Calcium	510 mg	68.9 mg
Phosphorus	3000 mg	40.1 mg
Iron	8.9 mg	1.2 mg
Magnesium	40 mg	5.4 mg
Zinc	3.7 mg	0.5 mg
Copper	370 $\mu$ g	50 $\mu$ g
Iodine	90 $\mu$ g	12.2 $\mu$ g
Manganese	180 $\mu$ g	24.3 $\mu$ g
Selenium	19 $\mu$ g	2.6 $\mu$ g
Calcium/Phosphorus Ratio	1.7	1.7



**Vitamin Content (per 100 g and per 100 ml - 13.5%) for the given product**

Vitamin	Per 100 g	Per 100 ml (13.5%)
Vitamin A	380 µg (1267 IU)	51.3 µg (171 IU)
Vitamin D	10.7 µg (428 IU)	1.4 µg (58 IU)
Vitamin E	10.6 mg (15.8 IU)	1.4 mg (2.1 IU)
Vitamin K	28 µg	3.8 µg
Vitamin B1	480 µg	63.5 µg
Vitamin B2	535 µg	72.2 µg
Vitamin B6	375 µg	50.6 µg
Vitamin B12	1.0 µg	0.1 µg
Vitamin C	70 mg	9.5 mg
Folic Acid	68 µg	9.2 µg
Pantothenic Acid	2.9 mg	0.4 mg
Niacin	3.5 mg	0.5 mg
Biotin	14.5 µg	2.0 µg

**Nucleotides Content (per 100 g and per 100 ml - 13.5%) for the given product.**

Nucleotide	Per 100 g	Per 100 ml (13.5%)
5' Cytidine Monophosphate	6.4 mg	0.9 mg
5' Uridine Monophosphate	4.7 mg	0.6 mg
5' Adenosine Monophosphate	2.4 mg	0.3 mg
5' Guanosine Monophosphate	1.4 mg	0.2 mg
5' Inosine Monophosphate	1.4 mg	0.2 mg

**Probiotics Content (per 100 g and per 100 ml - 13.5%) for the given product**

Probiotic	Per 100 g	Per 100 ml (13.5%)
Total Probiotics	1x10 <sup>9</sup>	

**Fatty Acid Composition (g/100 g of fatty acids) for the given product**

Fatty Acid	Composition (g/100 g)
Butyric Acid (C04:0)	1.9
Caproic Acid (C06:0)	1.0
Caprylic Acid (C08:0)	0.5
Capric Acid (C10:0)	1.1
Lauric Acid (C12:0)	1.2
Myristic Acid (C14:0)	3.7
Palmitic Acid (C16:0)	12.9
Palmitic Acid in β-position (C16:0)	4.0



Stearic Acid (C18:0)	5.9
Oleic Acid (C18:1)	51.9
Linoleic Acid (C18:2)	14.8
Alpha-Linolenic Acid (C18:3)	1.7
Docosahexaenoic Acid (C22:6)	0.5

#### Fatty Acid Composition Summary

- Saturated Fats: 27.5 g/100 g
- Monounsaturated Fats: 51.9 g/100 g
- Polyunsaturated Fats: 20.6 g/100 g

#### Amino Acid Composition (g/100 g of proteins) for the given product

Amino Acid	Composition (g/100 g)
Threonine	5.2
Valine	5.9
Methionine	2.3
Isoleucine	6.0
Leucine	11.9
Tyrosine	3.8
Phenylalanine	4.8
Lysine	8.8
Arginine	2.8
Cystine	2.2
Tryptophan	1.9

- Osmolarity: 274.5 mOsm/l
- Renal Load: 90.97 mOsm/l