



# Hana Lebensmittel GmbH

Hersteller von Säuglingsmilchnahrung

Ihre Gesundheit ist unser Anliegen



## About Us:

**HANA Lebensmittel** Company is a manufacturer of infant formula, baby food, dietary supplements, sports supplements and food supplements for consumption of children and adults. This company has been producing various products since 2004 based on the knowledge of specialists and the use of trained and experienced personnel.



## Products introduction:

### HanaLac

**Hanalac** is formulated from fresh cow's milk based on composition of breast milk.

A lot of changes (e.g. the separation of milk fat and the addition of vegetable oil) are made on the cow's milk in order to become more similar to breast milk components. Also, to enrich the formula some ingredients like nucleotides and prebiotics are added.

**HanaLac** contains all necessary elements to satisfy a baby's needs in energy, protein, essential fatty acids, minerals and vitamins.



**HanaLac 1** is an excellent substitute to breast milk when it is totally lacking or not available in sufficient quantities.

**Ingredients:** Demineralized whey, skimmed milk, vegetable oils, lactose, minerals, GOS, FOS, vitamins, AA, DHA, EPA, taurine, choline, inositol, nucleotides and L-carnitine.

Average Composition	Units	Per 100 g of powder	Per 100 Kcal
Energy	kcal	509	100
Protein	g	10.1	1.98
Carbohydrates	g	56.3	11.06
Prebiotics	g	2.78	0.55
FOS	g	0.28	0.06
GOS	g	2.5	0.49
GOS/FOS ratio		9	9
Fat	g	27.7	5.44
Linoleic acid( $\omega 6$ )	mg	3596	706
$\alpha$ -linolenic acid( $\omega 3$ )	mg	498	98
$\omega 6/\omega 3$		7	7
<b>AA</b>	mg	67	13.16
<b>DHA</b>	mg	61	11.98
AA/DHA ratio		1.1	1.1
AA+DHA	mg	128	25.15
EPA	mg	13.5	2.65
Moisture	g	2.9	0.57
Minerals	g	3	0.59
Sodium	mg	160	31
Potassium	mg	570	112
Chloride	mg	338	66
Calcium	mg	423	83
Phosphorus	mg	223	44
Ca/P ratio	-	1.9	1.9
Magnesium	mg	28	5
Iron	mg	6.1	1.2
Zinc	mg	3.8	0.6
Copper	mcg	395	78
Manganese	mcg	28	5
Iodine	mcg	69	14
Selenium	mcg	5.1	1
<b>Vitamins</b>			
Vit. A	IU	1986	390
Vit. B1	mcg	445	87
Vit. B2	mcg	579	114
Vit. B6	mcg	360	71
Vit. B12	mcg	1.2	0.23
Niacin	mcg	3827	752
Vit. C	mg	62	12
Vit. D3	IU	356	70
Vit. E	mg	12.5	2.4
Biotin	mcg	12.5	2.4
Vit K1	mcg	49	10
Folic acid	mcg	89	17
Pantothenic acid	mcg	3115	612
<b>Other nutrients</b>			
Sialic acid	mg	120	24
Taurine	mg	58	11
Choline	mg	76	15
Inositol	mg	31	6
L-carnitine	mg	10	1.9
Nucleotides (5 types)	mg	20	4





**HanaLac 2** is a Follow-on Milk Formula to be used from the age of 6 to 12 months.

**Ingredients:** Demineralized whey, skimmed milk, vegetable oils, lactose, maltodextrin, minerals, GOS, FOS, vitamins, AA, DHA, EPA, taurine, choline, inositol, nucleotides and L-carnitine.

Average Composition	Units	Per 100 g of powder	Per 100 Kcal
Energy	kcal	495	100
Protein	g	12.1	2.43
Carbohydrates	g	58.3	11.78
Prebiotics	g	2.78	0.56
FOS	g	0.28	0.06
GOS	g	2.5	0.51
GOS/FOS ratio	g	9	9
Fat	g	24.4	4.93
Linoleic acid( $\omega 6$ )	mg	3146	635
$\alpha$ -linolenic acid( $\omega 3$ )	mg	436	88
$\omega 6/\omega 3$		7	7
<b>AA</b>	mg	60	12.12
<b>DHA</b>	mg	60	12.12
AA/DHA ratio		1	1
AA+DHA	mg	120	24.24
EPA	mg	13.5	2.73
Moisture	g	2.2	-
Minerals	g	3.0	0.61
Sodium	mg	180	36
Potassium	mg	628	127
Chloride	mg	394	80
Calcium	mg	500	101
Phosphorus	mg	294	54
Ca/P ratio		1.7	1.7
Magnesium	mg	53	11
Iron	mg	8.1	1.6
Zinc	mg	4.2	0.8
Copper	mcg	372	75
Manganese	mcg	29	6
Iodine	mcg	69	14
Selenium	mcg	5.4	1.1
<b>Vitamins</b>			
Vit. A	IU	1739	351
Vit. B1	mcg	423	86
Vit. B2	mcg	669	135
Vit. B6	mcg	343	69
Vit. B12	mcg	1.2	0.25
Niacin	mcg	3459	699
Vit. C	mg	73	15
Vit. D3	IU	312	63
Vit. E	mg	10.9	2.2
Biotin	mcg	12.3	2.5
Vit. K1	mcg	43	9
Folic acid	mcg	80	16
Pantothenic acid	mcg	3515	710
<b>Other nutrients</b>			
Sialic acid	mg	105	21
Taurine	mg	51	10
Choline	mg	66	13
Inositol	mg	27	6
L-carnitine	mg	8.6	2
Nucleotides	mg	20.0	4



**HanaLac 3** is a growing-up Milk to be used from the age of 1 year.

**Ingredients:** Skimmed milk, demineralized whey, vegetable oils, lactose, maltodextrin, sucrose, minerals, GOS, FOS, vitamins, AA, DHA, EPA, taurine, choline, inositol, nucleotides, vanilla flavour and L-carnitine.



Average Composition	Units	Per 100 g of powder	Per 100 Kcal
Energy	kcal	459	100
Protein	g	13.1	2.86
Carbohydrates	g	61.4	13.38
Prebiotics	g	2.78	0.6
FOS	g	0.28	0.06
GOS	g	2.5	0.54
GOS/FOS ratio		9	9
Fat	g	18.5	4.03
Linoleic acid( $\omega 6$ )	mg	2367	515
$\alpha$ -linolenic acid( $\omega 3$ )	mg	328	71.47
$\omega 6/\omega 3$		7	7
<b>AA</b>	mg	60	13.07
<b>DHA</b>	mg	60	13.07
AA/DHA ratio		1	1
AA+DHA	mg	120	26.14
EPA	mg	13.5	2.94
Moisture	g	3	0.65
Minerals	g	4	0.86
Sodium	mg	185	40
Potassium	mg	635	138
Chloride	mg	419	91
Calcium	mg	538	117
Phosphorus	mg	345	75
Ca/P ratio	-	1.6	1.6
Magnesium	mg	55	12
Iron	mg	7.6	1.7
Zinc	mg	4.2	0.9
Copper	mcg	357	78
Manganese	mcg	29	6
Iodine	mcg	69	15
Selenium	mcg	5.3	1.16
<b>Vitamins</b>			
Vit. A	IU	1311	286
Vit. B1	mcg	361	79
Vit. B2	mcg	707	154
Vit. B6	mcg	293	64
Vit. B12	mcg	1.2	0.26
Niacin	mcg	2739	597
Vit. C	mg	60	13
Vit. D3	IU	235	51
Vit. E	mg	8.2	1.8
Biotin	mcg	11.0	2.4
Vit. K1	mcg	32	7
Folic acid	mcg	63	14
Pantothenic acid	mcg	3143	685
<b>Other nutrients</b>			
Sialic acid	mg	79	17
Taurine	mg	38	8
Choline	mg	50	11
Inositol	mg	21	4
L-carnitine	mg	6.4	1.40
Nucleotides	mg	20	4

**HanaLac AR** can be an alternative formula, if a physician determines that your baby should be feed by a special formula due to regurgitation problems.

**Ingredients:** Skimmed milk, demineralised whey, vegetable oils, lactose, starch, minerals and vitamins, choline, taurine, inositol, L-carnitine.

Average Composition	Units	Per 100 g of powder	Per 100 Kcal
Energy	Kcal	513	100
Protein	g	12.5	2.44
Whey protein	g	5	0.97
Casein	g	7.5	1.47
Carbohydrates	g	54.9	10.7
Fat	g	27	5.26
Linoleic acid ( $\omega 6$ )	mg	3500	682
$\alpha$ -Linolenic acid ( $\omega 3$ )	mg	486	94
<b><math>\omega 6/\omega 3</math> ratio</b>		<b>7.2</b>	<b>7.2</b>
Moisture	g	2.6	-
Minerals	g	3	0.58
Sodium	mg	170	33
Potassium	mg	560	109
Chloride	mg	348	67
Calcium	mg	433	84
Phosphorus	mg	233	45
<b>Ca/P ratio</b>		<b>1.86</b>	<b>1.86</b>
Magnesium	mg	45	8.7
Iron	mg	6	1.17
Zinc	mg	4	0.78
Copper	mcg	400	78
Manganese	mcg	25	4.87
Iodine	mcg	60	11.7
Selenium	mcg	5.1	1
<b>Vitamins</b>			
Vit A	IU	1965	383
Vit B1	mcg	440	85
Vit B2	mcg	570	111
Vit B6	mcg	380	74
Vit B12	mcg	1.1	0.21
Niacin	mcg	3900	760
Vit C	mg	60	11.7
Vit D3	IU	360	70
Vit E	IU	12	2.34
Biotin	mcg	12	2.34
Vit K1	mcg	49	9.55
Folic acid	mcg	90	17.54
Pantothenic acid	mcg	3200	620
<b>Other nutrients</b>			
Taurine	mg	50	9.75
Choline	mg	70	13.65
Inositol	mg	30	5.85
L-carnitine	mg	9	1.75



**HanaLac Premium 1** is an excellent substitute to breast milk when it is totally lacking or not available in sufficient quantities.

**HanaLac Premium 1** is a starter formula from birth to onwards until 6 months.

**Ingredients:** Demineralized whey, skimmed milk, vegetable oils, lactose, minerals, GOS, FOS, lactobacillus reuteri, bifidobacterium lactis, 2'-Fucosyllactose, vitamins, AA, DHA, EPA, taurine, choline, inositol, nucleotides and L-carnitine.



Average Composition	Units	Per 100 g of powder	Per 100 Kcal
Energy	kcal	509	100
Protein	g	10.1	1.98
Carbohydrates	g	56.3	11.06
Prebiotics	g	2.78	0.55
FOS	g	0.28	0.06
GOS	g	2.5	0.49
2'-Fucosyllactose	mg	180	35.36
GOS/FOS ratio		9	9
Fat	g	27.7	5.44
Linoleic acid(ω6)	mg	3596	706
α-linolenic acid(ω3)	mg	498	98
ω6/ω3		7	7
<b>AA</b>	mg	67	13.16
<b>DHA</b>	mg	61	11.98
AA/DHA ratio		1.1	1.1
AA+DHA	mg	128	25.15
EPA	mg	13.5	2.65
Moisture	g	2.9	-
Minerals	g	3	0.59
Sodium	mg	160	31
Potassium	mg	570	112
Chloride	mg	338	66
Calcium	mg	428	83
Phosphorus	mg	223	44
Ca/P ratio		1.9	1.9
Magnesium	mg	47	9
Iron	mg	6.1	1.2
Zinc	mg	3.8	0.7
Copper	mcg	395	78
Manganese	mcg	28	5
Iodine	mcg	69	14
Selenium	mcg	5.1	1
<b>Vitamins</b>			
Vit. A	IU	1986	390
Vit. B1	mcg	445	87
Vit. B2	mcg	579	114
Vit. B6	mcg	360	71
Vit. B12	mcg	1.2	0.23
Niacin	mcg	3827	752
Vit. C	mg	62	12
Vit. D3	IU	356	70
Vit. E	mg	12.5	2.4
Biotin	mcg	12.5	2.4
Vit K1	mcg	49	10
Folic acid	mcg	89	17
Pantothenic acid	mcg	3115	612
<b>Other nutrients</b>			
Sialic acid	mg	120	24
Taurine	mg	58	11
Choline	mg	76	15
Inositol	mg	31	6
L-carnitine	mg	10	1.9
Nucleotides (5 types)	mg	20	4



**HanaLac Premium 2** is a Follow-on Milk Formula to be used from the age of 6 to 12 months.

**Ingredients:** Demineralized whey, skimmed milk, vegetable oils, Lactose, maltodextrin, minerals, GOS, FOS, lactobacillus reuteri, bifidobacterium lactis, 2'-Fucosyllactose, vitamins, AA, DHA, EPA, taurine, choline, inositol, nucleotides and L-carnitine.

Average Composition	Units	Per 100 g of powder	Per 100 Kcal
Energy	kcal	495	100
Protein	g	12.1	2.43
Carbohydrates	g	58.3	11.78
Prebiotics	g	2.78	0.56
FOS	g	0.28	0.06
GOS	g	2.5	0.51
GOS/FOS ratio	g	9	9
2'-Fucosyllactose	mg	180	36.36
Fat	g	24.4	4.93
Linoleic acid( $\omega 6$ )	mg	3146	635
$\alpha$ -linolenic acid( $\omega 3$ )	mg	436	88
$\omega 6/\omega 3$		7	7
<b>AA</b>	mg	60	12.12
<b>DHA</b>	mg	60	12.12
AA/DHA ratio		1	1
AA+DHA	mg	120	24.24
EPA	mg	13.5	2.73
Moisture	g	2.2	-
Minerals	g	3.0	0.61
Sodium	mg	180	36
Potassium	mg	628	127
Chloride	mg	394	80
Calcium	mg	500	101
Phosphorus	mg	294	54
Ca/P ratio		1.7	1.7
Magnesium	mg	53	11
Iron	mg	8.1	1.6
Zinc	mg	4.2	0.8
Copper	mcg	372	75
Manganese	mcg	29	6
Iodine	mcg	69	14
Selenium	mcg	5.4	1.1
<b>Vitamins</b>			
Vit. A	IU	1739	351
Vit. B1	mcg	423	86
Vit. B2	mcg	669	135
Vit. B6	mcg	343	69
Vit. B12	mcg	1.2	0.25
Niacin	mcg	3459	699
Vit. C	mg	73	15
Vit. D3	IU	312	63
Vit. E	mg	10.9	2.2
Biotin	mcg	12.3	2.5
Vit. K1	mcg	43	9
Folic acid	mcg	80	16
Pantothenic acid	mcg	3515	710
<b>Other nutrients</b>			
Sialic acid	mg	105	21
Taurine	mg	51	10
Choline	mg	66	13
Inositol	mg	27	6
L-carnitine	mg	8.6	2
Nucleotides	mg	20.0	4





**HanaLac Premium 3** is a growing-up Milk to be used from the age of 1 year.

**Ingredients:** Skimmed milk, demineralized whey, vegetable oils, lactose, maltodextrin, sucrose, minerals, GOS, FOS, lactobacillus reuteri, bifidobacterium lactis, 2'-Fucosyllactose, vitamins, AA, DHA, EPA, taurine, choline, inositol, nucleotides, vanilla flavour and L-carnitine.

Average Composition	Units	Per 100 g of powder	Per 100 Kcal
Energy	kcal	459	100
Protein	g	13.1	2.86
Carbohydrates	g	61.4	13.38
Prebiotics	g	2.78	0.6
FOS	g	0.28	0.06
GOS	g	2.5	0.54
GOS/FOS ratio		9	9
2'-Fucosyllactose	mg	180	39.21
Fat	g	18.5	4.03
Linoleic acid(ω6)	mg	2367	515
α-linolenic acid(ω3)	mg	328	71.47
ω6/ω3		7	7
<b>AA</b>	mg	60	13.07
<b>DHA</b>	mg	60	13.07
AA/DHA ratio		1	1
AA+DHA	mg	120	26.14
EPA	mg	13.5	2.94
Moisture	g	3	0.65
Minerals	g	4	0.86
Sodium	mg	185	40
Potassium	mg	635	138
Chloride	mg	419	91
Calcium	mg	538	117
Phosphorus	mg	345	75
Ca/P ratio	-	1.6	1.6
Magnesium	mg	55	12
Iron	mg	7.6	1.7
Zinc	mg	4.2	0.9
Copper	mcg	357	78
Manganese	mcg	29	6
Iodine	mcg	69	15
Selenium	mcg	5.3	1.16
<b>Vitamins</b>			
Vit. A	IU	1311	286
Vit. B1	mcg	361	79
Vit. B2	mcg	707	154
Vit. B6	mcg	293	64
Vit. B12	mcg	1.2	0.26
Niacin	mcg	2739	597
Vit. C	mg	60	13
Vit. D3	IU	235	51
Vit. E	mg	8.2	1.8
Biotin	mcg	11.0	2.4
Vit. K1	mcg	32	7
Folic acid	cg	63	14
Pantothenic acid	mcg	3143	685
<b>Other nutrients</b>			
Sialic acid	mg	79	17
Taurine	mg	38	8
Choline	mg	50	11
Inositol	mg	21	4
L-carnitine	mg	6.4	1.40
Nucleotides	mg	20	4



**HanaKid** is a product for growing-up children. This product is made from fresh cow's milk and its compounds are based on scientific recommendations appropriate to the nutritional needs of children over 3 years old.

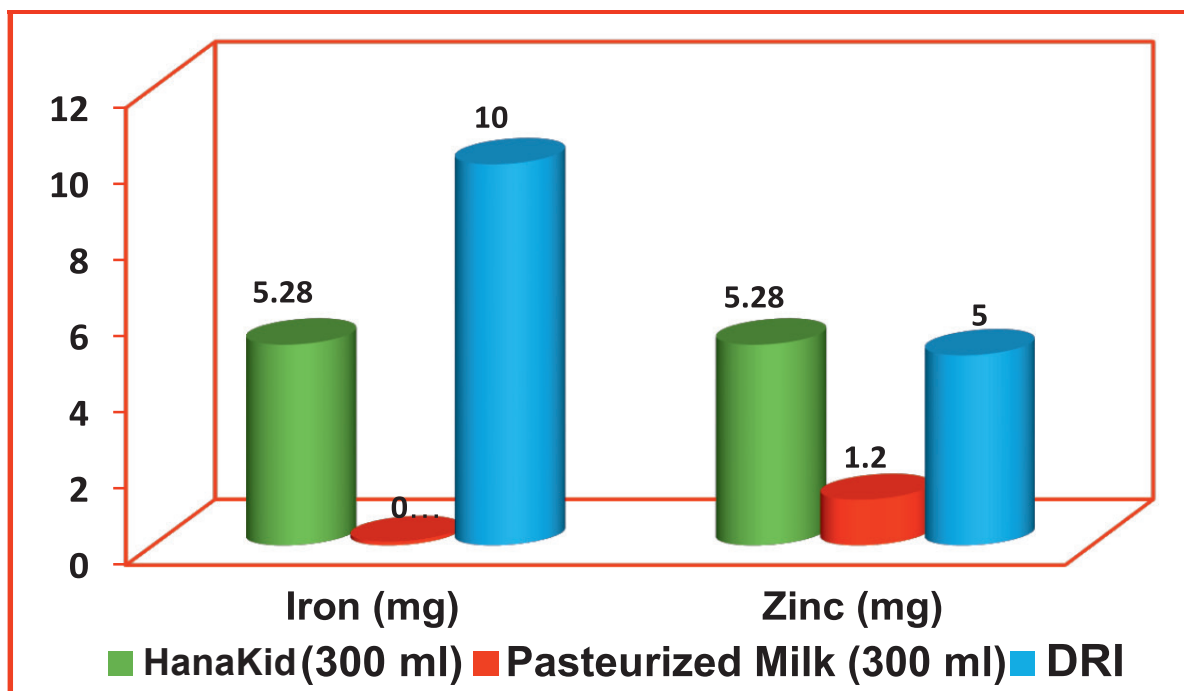
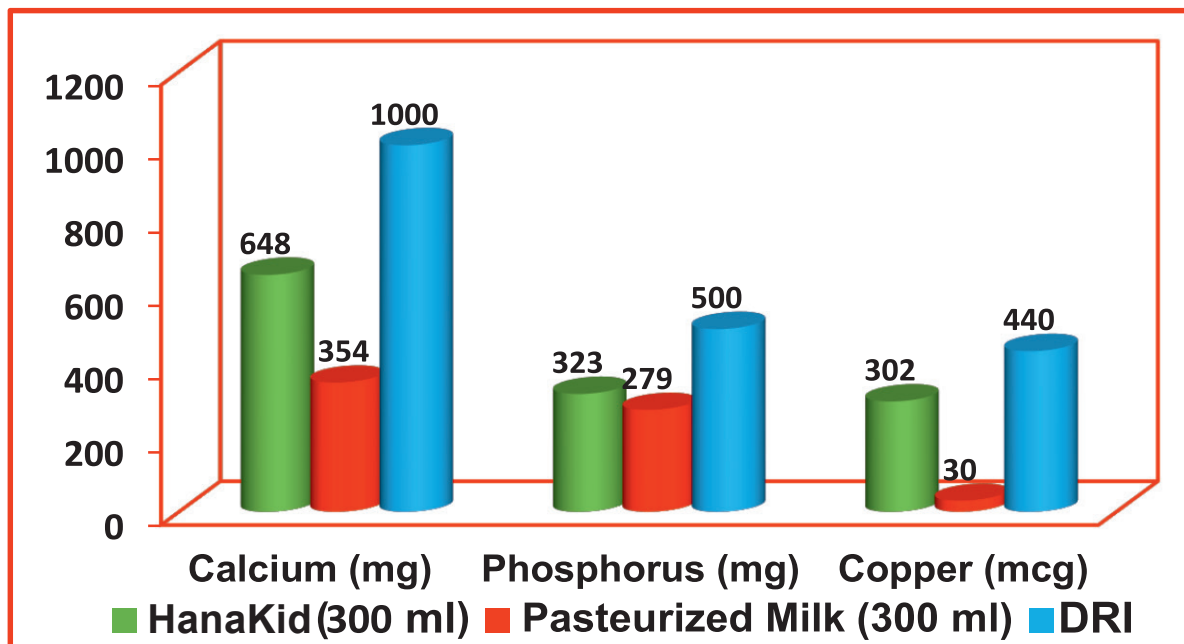
**Ingredients:** Skimmed milk, demineralised whey, vegetable oils, prebiotics (FOS, GOS), lactose, sucrose, minerals and vitamins, sialic acid, flavor choline, taurine, AA, DHA, EPA (fish oil), inositol and L-carnitine.

Average Composition	Units	Per 100 g of powder	% of DRI
Energy	Kcal	456	
Protein	g	17	43%
Whey protein	g	5.7	
Casein	g	11.3	
Carbohydrates	g	57.1	21%
Prebiotics (GOS, FOS)	mg	650	
GOS/FOS		9	
Fat	g	17.7	
Linoleic acid ( $\omega 6$ )	mg	2283	11.1%
$\alpha$ -Linolenic acid ( $\omega 3$ )	mg	316	17.1%
<b><math>\omega 6/\omega 3</math></b>		<b>7.2</b>	
<b>DHA</b>	<b>mg</b>	<b>10</b>	
AA	mg	10	
EPA	mg	2.5	
AA/DHA		1	
Moisture	g	3	
Minerals	g	5.2	
Sodium	mg	239	9.5%
Potassium	mg	850	10.7%
Chloride	mg	489	12%
Calcium	mg	1349	65%
Phosphorus	mg	674	65%
Ca/p ratio	-	2	-
Magnesium	mcg	87.5	32%
Iron	mg	11	53%
Zinc	mg	11.6	111%
Copper	mg	630	69%
Manganese	mcg	633	20%
Iodine	mcg	97.2	52%
Selenium	mcg	6.3	10%
<b>Vitamins</b>			
Vit. A	IU	2266	82%
Vit. D3	IU	426	34%
Vit. E	mg	14.6	100%
Vit. K1	mcg	50	44%
Vit. B1	mcg	686	55%
Vit. B2	mcg	1364	109%
Niacin	mcg	4765	29%
Vit. B6	mcg	664	53%
Folic acid	mcg	63	15%
Pantothenic acid	mcg	6045	97%
Vit. B12	mcg	3.4	136%
Biotin	mcg	32.2	128%
Vit. C	mg	94	181%
<b>Other nutrients</b>			
Choline	mg	48	9.3%
Taurine	mg	36.7	
Inositol	mg	20	
L-carnitine	mg	7	
Sialic acid	mg	76.3	



## Mineral:

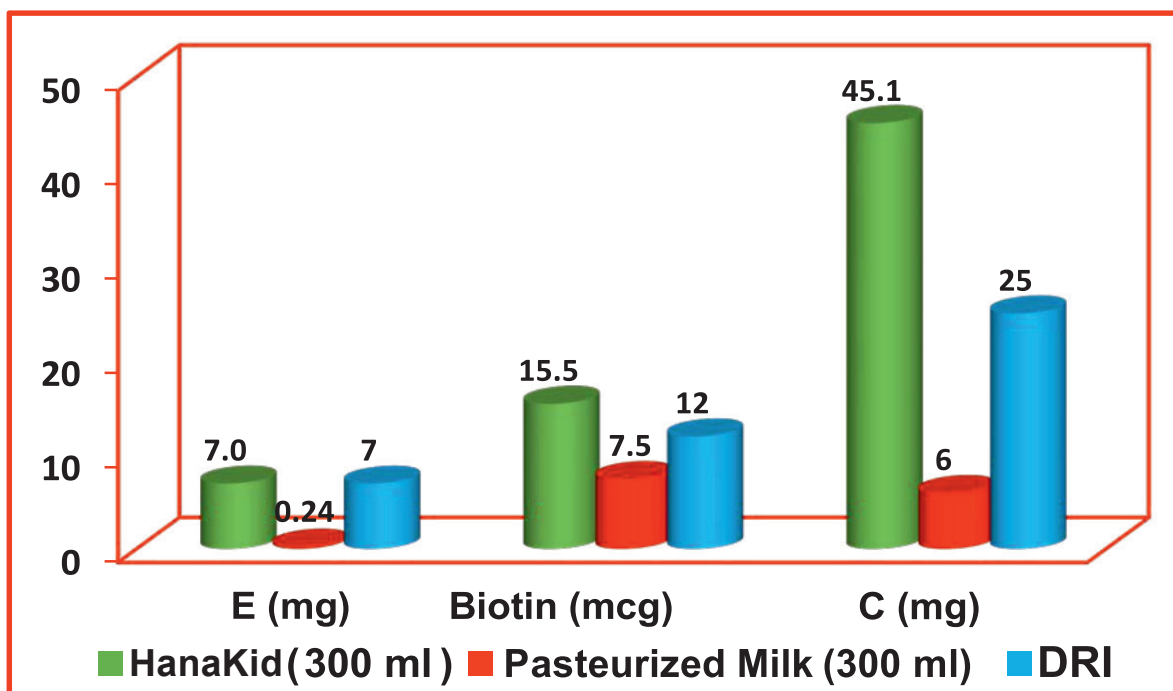
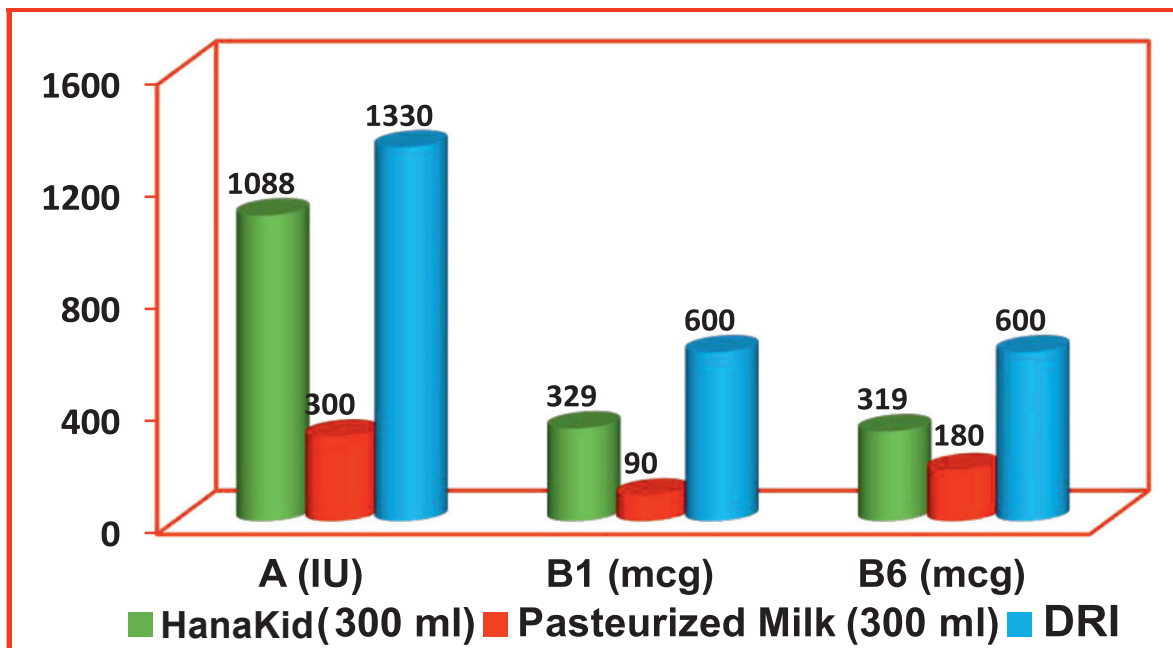
In the following figures, the amount of minerals found in two glasses (300ml) of ready-to-use **HanaKid**, two glasses (300 ml) of milk, as well as daily requirements for these elements are shown. Taking two glasses of **HanaKid** solution, it covers all the requirements for zinc during this period.





## Vitamins:

In the following figures, the amount of vitamins found in two glasses (300 ml) of ready-to-use **HanaKid**, two glasses (300 ml) of milk, as well as daily requirements for these elements are shown. Taking two glasses of **HanaKid** solution, it covers all the requirements for biotin, vitamin C and E during this period.



According to various studies, inadequate nutrition during pregnancy and lactation has been shown to cause various diseases in mother and infant. Nutritionists and doctors are always searching to find a proper solution to cover nutritional needs of women during this particular period. The result of various studies indicate that it is not possible to meet all nutritional needs of women during pregnancy and lactation using daily dietary nutrition because of the limited capacity of stomach, eating a lot causes digestive problems and is costly.

Some pharmaceutical manufacturers have developed supplements and pills to overcome these problems. But using these pills causes digestive problems and side effects on the consumer. In addition, most supplements are expensive, incomplete and one-dimensional (containing one type of nutrient). Therefore, experts have formulated a suitable and complete nutritional supplement (tasty and without side effects) for pregnant and lactating women, named **HanaMom**.

**HanaMom** is a natural supplement based on cow's milk enriched with nutrients (vitamins, minerals, etc.) and plays a very important role in mother's health, fetus and baby.

Now we are producing **HanaMom** in 7 different types: Vanilla, Honey, Cocoa, Banana, Strawberry, Lemon and Pineapple.

## Some important properties of HanaMom:

### Energy:

The energy requirement of a woman (before pregnancy) is about 2000 kcal and during pregnancy and lactation increases to about 2300 to 2500 kcal. The energy of **HanaMom** from carbohydrates, fat and protein. Daily use of 2 glasses of **HanaMom** will provide the extra energy (300kcal) needed during this period.

Therefore, consumption of **HanaMom** does not cause overweight and obesity in consumers.

### Protein:

For optimal growth of the fetus during pregnancy and production of adequate milk for infant during lactating, the desire protein values should be obtained from the diet. The needed amount of protein for a woman is 46g per day and during pregnancy and lactation is 71g.

**HanaMom** can provide 25% (about 18g) of daily requirement to protein.

### Fat:

**HanaMom** contains the best quality vegetable oils (high level in unsaturated fatty acids and low level in saturated fatty acids). The amount of fat in **HanaMom** is designed so that to prevent obesity and overweight in consumers. The use of 2 glasses of **HanaMom** (ready-to-use) can provide about 6g of fat per day.

## Some important properties of HanaMom:

### Essential Fatty Acids:

Some foods contain a little amount of linoleic acid that does not meet the mother's needs. Also, food sources containing alpha-linolenic acid are very rare. During pregnancy and lactating the daily requirement of linoleic acid and alpha-linolenic acid is 12g and 1.3g, respectively. In **HanaMom**, these essential fatty acids are designed to meet a part of mother's needs during this period.

### Carbohydrates:

The amount of daily requirement of carbohydrates in this period is 175g. Use of 2 glasses of **HanaMom** (ready-to-use) can provide about 45g of carbohydrates. **HanaMom** contains lactose, sucrose and inulin (prebiotic).

\* Lactose is an excellent source of energy. It also improves calcium absorption and increases gastric acidity (contributes to the growth of lactobacilli/probiotics).

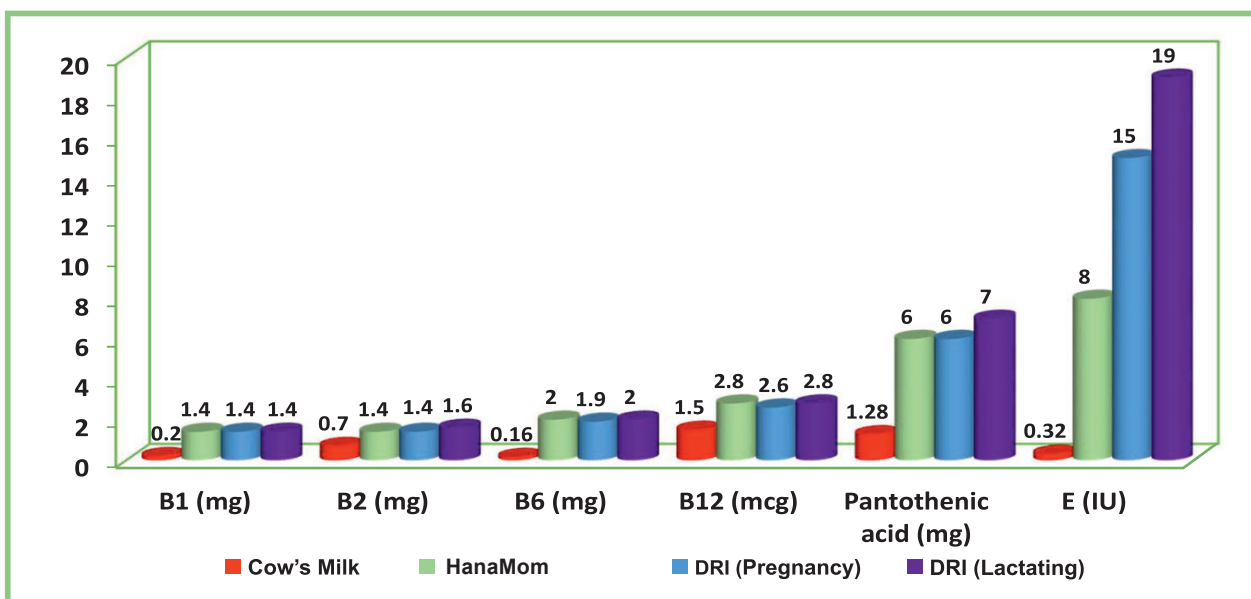
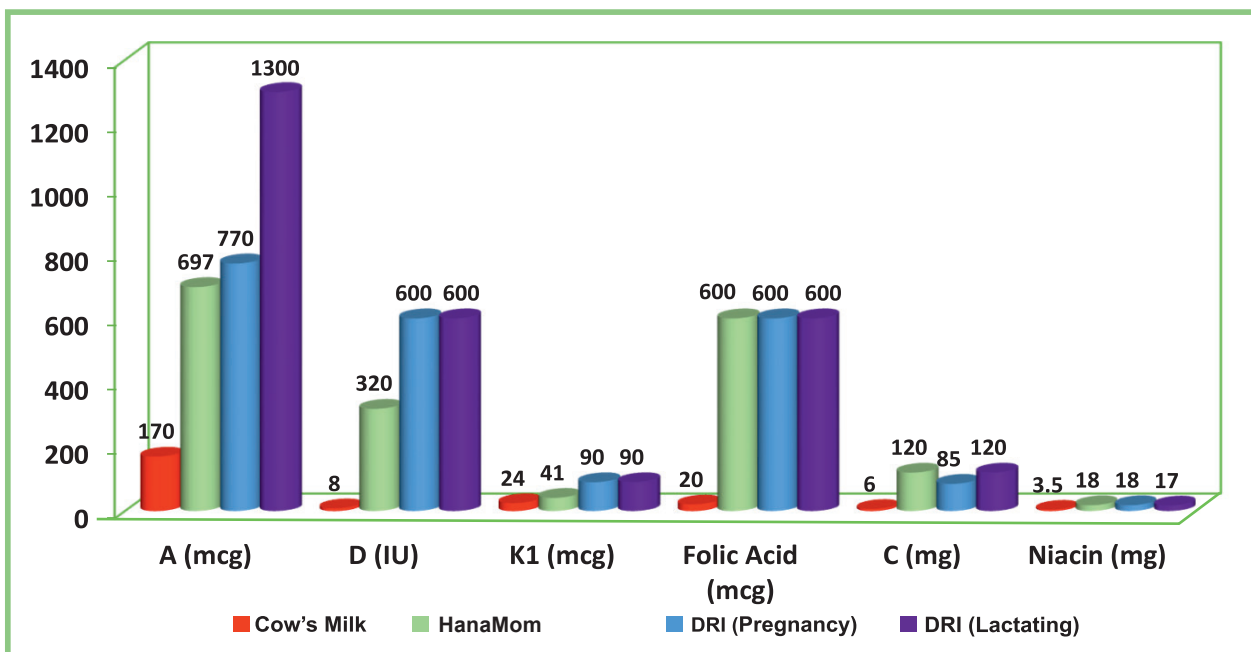
\*\* Inulin (dietary fiber) helps to absorb calcium and also helps to grow lactobacilli and bifidobacteria (probiotics).

\*\*\* Sucrose has been added to produce an acceptable and delicious taste.



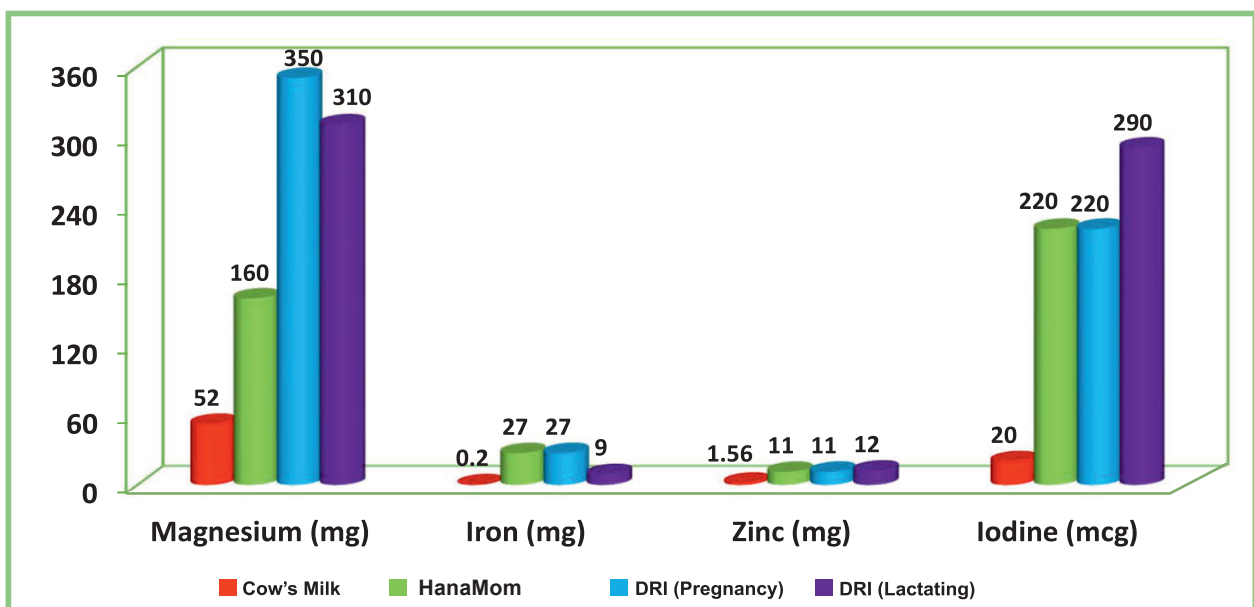
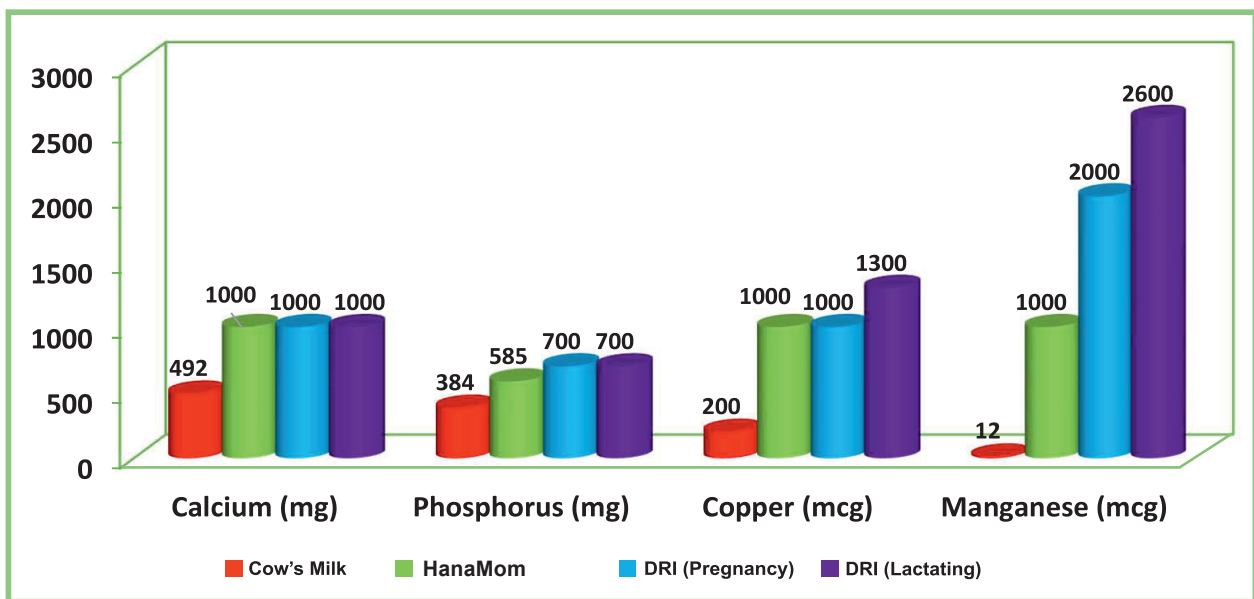
## Vitamins:

In the following figures, the amount of vitamins found in two glasses of **HanaMom** (ready-to-use) in comparison to two glasses of milk and daily requirements of these elements are shown. Taking two glasses of **HanaMom** covers all daily requirements of water soluble vitamins (e.g.B1, B2, ...) and a part of required soluble vitamins (e.g.A, D) during this period.



## Minerals:

In the following figures, the amount of minerals found in two glasses of **HanaMom** (ready-to-use) in comparison to two glasses of milk and daily requirements of these elements are shown. Taking two glasses of **HanaMom** covers all daily requirements of calcium, zinc, iron, copper and iodine during this period.



## Average composition:

Average composition of HanaMom is shown in the table:

Average Composition		Per 100g of powder	Per daily serving	% of pregnancy DRI	% of lactating DRI
Protein	g	22.18	17.74	25%	25%
Carbohydrates	g	57	45.6	26%	21.7%
Prebiotic	g	4	3.2	11.5%	11%
Fat	g	7.89	6.3	25%	25%
Linoleic acid (ω6)	mg	927	741	5.7%	5.7%
α-Linolenic acid (ω3)	mg	128	103	7.3%	7.9%
ω6/ω3 ratio	-	7.2	7.2		
AA	mg	50	40		
DHA	mg	50	40		
Moisture	g	4	-		
<b>Minerals</b>					
Sodium	mg	295	236	16%	16%
Potassium	mg	1039	831	18%	16%
Chloride	mg	590	472	20%	20%
Calcium	mg	1250	1000	100%	100%
Phosphorus	mg	731	585	83%	83%
Ca/P ratio	-	1.7	1.7	-	-
Magnesium	mg	200	160	45%	51%
Iron	mg	33.7	27	100%	300%
Zinc	mg	13.8	11	101%	93%
Copper	mcg	1250	1000	100%	77%
Manganese	mcg	1260	1008	50%	39%
Iodine	mcg	276	220.7	100%	76%
Selenium	mcg	29.3	23.4	39%	33%
<b>Vitamins</b>					
Vit A	IU	2900	2320	90%	53%
Vit B1	mcg	1753	1402	100%	100%
Vit B2	mcg	1752	1402	100%	87%
Vit B6	mcg	2444	1955	103%	98%
Vit B12	mcg	3.5	2.8	109%	101%
Niacin	mg	22.5	18	100%	106%
Vit C	mg	150	120	141%	100%
Vit D3	IU	400	320	53%	53%
Vit E	mg	10	8	53%	42%
Biotin	mcg	37.5	30	100%	86%
Vit K1	mcg	51.2	41	45%	45%
Folic acid	mcg	750	600	100%	120%
Pantothenic acid	mg	7.5	6	100%	86%
<b>Other nutrients</b>					
Sialic acid	mg	30	24		
Taurine	mg	15	12		
Choline	mg	491	393	87%	71%
Inositol	mg	8	6.44		
L-carnitine	mg	2.7	2.2		



**HanaMom** is a unique nutritional supplement specially designed for pregnant and lactating mothers.

**HanaMom** contains all vital nutrients such as proteins, vitamins and minerals with a particular emphasis on calcium, iron, zinc and folic acid constituting the ideal complement covering the additional nutritional needs of women during pregnancy and lactation.

**Ingredients:** Skimmed milk, lactose, demineralized whey protein, sucrose, vegetable oils, minerals, vitamins, inulin, flavor, choline, whey proteins concentrate, soy lecithin, taurine, AA & DHA, inositol and L-carnitine.





## HanaMüsli

**HanaMüsli** is a delicious and nourishing milk-based cereal food. This product is prepared from fresh milk and pre-cooked cereals of the highest quality enriched with vitamins and minerals.

**HanaMüsli** is a easily digestible food. This product is the most suitable first solid food for babies from the age of 6 months.

This product contain AA, DHA and GOS.

- AA and DHA are two important fatty acids that help increase the intelligence and ability of the baby's vision.
- The prebiotics (FOS and GOS), in addition to helping to absorb minerals such as calcium, promot the growth of healthy gut bacteria.

Currently, this company produces two types of cereal-based food (wheat with milk, rice with milk)

**HanaMüsli** with Rice is a delicious and nourishing milk-based cereal food.

### Ingredients:

Rice flour, skimmed milk, vegetable oil, sugar, minerals, vitamins, vanilla flavour, AA, DHA and prebiotics.

Average Composition		Per meal (50 gr)	Per 100 gr	Per 100 kcal
Energy	Kcal	210	420	100
Fat	gr	4.7	9.5	2.3
AA	mg	5.15	10.3	2.5
DHA	mg	5.05	10.1	2.3
Protein	gr	7.5	15	3.6
Carbohydrate	gr	34.4	68.8	16.3
GOS	gr	0.26	0.52	0.13
FOS	gr	0.03	0.06	0.014
Moisture	gr	1.5	3	0.71
Minerals	gr	1.95	3.7	0.85
Sodium	mg	80	160	38.2
Calcium	mg	175	350	83.5
Phosphorus	mg	175	350	83.5
Iron	mg	3	6	1.43
Magnesium	mg	25.2	50.4	12
Zinc	mg	2.25	4.5	1.1
Copper	mcg	25	50	11.9
Iodine	mcg	17.5	35	9.5
Vitamin A	mcg	270	540	128.5
Vitamin B1	mcg	300	600	145.7
Vitamin B2	mcg	250	500	119
Vitamin B6	mcg	300	600	145.7
Vitamin B12	mcg	0.5	1	0.24
Vitamin C	mg	26.5	53	12.6
Vitamin D	mcg	3.75	7.5	1.81
Vitamin E	mg	2.06	5.12	1.24
Vitamin K	mcg	15	30	7.2
Biotin	mcg	5	10	2.4
Niacin	mg	3	6	1.46
Folic Acid	mcg	26.5	53	12.6
Pantothenic Acid	mcg	1075	2150	513
Choline	mg	20	40	9.5
Inositol	mg	20	40	9.5



**HanaMüsli** with Wheat is a delicious and nourishing milk-based cereal food.

### Ingredients:

Wheat flour, skimmed milk, vegetable oil, sugar, minerals, vitamins, vanilla flavour, AA, DHA and prebiotics.

Average Composition		Per meal (50 gr)	Per 100 gr	Per 100 kcal
Energy	Kcal	208.5	417	100
Fat	gr	4.5	9	2.18
AA	mg	5.15	10.3	2.5
DHA	mg	5.05	10.1	2.4
Protein	gr	7.5	15	3.63
Carbohydrate	gr	34.5	69	16.7
GOS	gr	0.26	0.52	0.13
FOS	gr	0.03	0.06	0.014
Moisture	gr	1.5	3	0.72
Minerals	gr	2	4	0.97
Sodium	mg	70	140	33.9
Calcium	mg	200	400	96.9
Phosphorus	mg	180	360	87.17
Iron	mg	4	8	1.94
Magnesium	mg	16.5	33	8
Zinc	mg	2	4	0.97
Copper	mcg	70	140	33.9
Iodine	mcg	20	40	9.7
Vitamin A	mcg	270	540	128.5
Vitamin B1	mcg	300	600	145.3
Vitamin B2	mcg	250	500	121
Vitamin B6	mcg	300	600	145.3
Vitamin B12	mcg	0.5	1	0.24
Vitamin C	mg	26.5	53	12.83
Vitamin D	mcg	3.75	7.5	1.81
Vitamin E	mg	2.06	5.12	1.24
Vitamin K	mcg	15	30	7.27
Biotin	mcg	5	10	2.42
Niacin	mg	3	6	1.45
Folic Acid	mcg	26.5	53	12.8
Pantothenic Acid	mcg	1075	2150	520
Choline	mg	20	40	9.7
Inositol	mg	20	40	9.7



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