

- Documentation of the **Final Nutrient Profile** -

Date of compilation: 13 November 2017

1. Main Nutrients

Changes:		NEW			
addition of beta-carotene value in µg RE		Diben Crème			
decrease of niacin and addition of niacin value in mg NE		Praliné HV 1049/ 1 , Wild Strawberry HV 1050/ 1 , Cappuccino HV 1051/ 1 , Vanilla HV 1087/ 1 , Apricot-Peach HV 1109/ 1			
decrease tryptophan level					
Values per		100g	125g	200g	RDD* = 375-500g
Energy	kcal	150	188	300	563-750
	kJ	630	788	1260	2363-3150
Caloric density	kcal/g	1,5	1,5	1,5	1,5
Water	g	67,5	84,4	135	254-338
Osmolarity	mosmol/l	n.a.	n.a.	n.a.	n.a.
Osmolality	mosmol/kg H ₂ O	n.a.	n.a.	n.a.	n.a.
Protein	20 Energy % g	7,5	9,4	15	28,1-37,5
thereof					
- nitrogen	g	1,2	1,5	2,4	4,5-6,0
- milk protein	%	100	100	100	100
- thereof casein/whey	%	80/ 20	80/ 20	80/ 20	80/ 20
- other protein sources	%	0	0	0	0
Fat	42 Energy % g	7,0	8,8	14	26,3-35
thereof					
- MCT	7,2 Energy % g	1,2	1,5	2,4	4,5-6,0
- LCT	34,8 Energy % g	5,8	7,25	11,6	21,8-29
- SFA ¹⁾²⁾	2,4 Energy % g	0,4	0,5	0,8	1,5-2,0
- MUFA ¹⁾	24,6 Energy % g	4,1	5,1	8,2	15,4-20,5
- PUFA ¹⁾	7,8 Energy % g	1,3	1,6	2,6	4,9-6,5
- Linoleic acid	g	0,92	1,15	1,84	3,45-4,60
- α-Linolenic acid	g	0,28	0,35	0,56	1,05-1,40
- EPA	g	0	0	0	0
- DHA	g	0	0	0	0
- n6/n3 Fatty Acids	g	3,3 / 1	3,3 / 1	3,3 / 1	3,3 / 1
- Cholesterol	mg	≤ 6,0 ^{**}	≤ 7,5 ^{**}	≤ 12 ^{**}	≤ 22,5-30 ^{**}
	mg	(4,9 ^{***})	(6,1 ^{***})	(9,8 ^{***})	(18,4-24,5 ^{***})
Carbohydrate	35 Energy % g	13,1	16,4	26,2	49,2-65,5
thereof					
- oligo- and polysaccharides	g	3,6	4,5	7,2	13,4-17,9
- modified starch	g	7,1	8,9	14,2	26,6-35,4
- sugars	g	2,5	3,1	4,9	9,2-12,3
thereof					
- fructose	g	1,9	2,4	3,8	7,1-9,5
- lactose	g	≤ 0,5 ^{**}	≤ 0,6 ^{**}	≤ 1,0 ^{**}	≤ 1,9-2,5 ^{**}
Dietary fibre	3 Energy % g	2,0	2,5	4,0	7,5-10,0
thereof					
- tapioca dextrin	g	2,0	2,5	4,0	7,5-10,0
- fermentable/non fermentable	%	86 / 14	86 / 14	86 / 14	86 / 14
- soluble/insoluble	%	96 / 4	96 / 4	96 / 4	96 / 4
Other Substances					

* RDD: recommended daily dosage for supplemental nutrition 375 - 500 g (= 3-4 x 125g cups or 2 x 200g cups)
[RDD for complete nutrition 800-1000g (= 7-8 x 125g cups or 4-5 x 200g cups)]

¹⁾ as triglycerides, ²⁾ total SFA= MCT+SFA of LCT

** calculated value, *** mean value of measured values,

n.a.= not applicable

In some markets Diben Crème is called Fresubin DB Crème

Remark: Comma is used as separator of fractional part of decimal number.

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2. Vitamins and other Nutrients, Minerals and Trace Elements**

		NEW Diben Crème Praliné HV 1049/1, Wild Strawberry HV 1050/1, Cappuccino HV 1051/1, Vanilla HV 1087/1, Apricot-Peach HV 1109/1			
Values per		100g	125g	200g	RDD*=375-500g
Vit. A	µg	144	180	288	540-720
β- Carotene	µg	360	450	720	1350-1800
	µg RE	60	75	120	225- 300
Total Vit. A	µg RE	204	255	408	765-1020
Vit. D ₃	µg	2,4	3	4,8	9-12
Vit. E	mg αTE	3,6	4,5	7,2	13,5-18
Vit. K ₁	µg	20	25	40	75-100
Vit. B ₁	mg	0,3	0,38	0,60	1,1-1,4
Vit. B ₂	mg	0,4	0,5	0,8	1,4-1,9
Niacin	mg mg NE	2,00 3,34	2,50 4,18	4,00 6,68	7,50- 10,0 12,5- 16,7
Vit. B ₆	mg	0,4	0,5	0,8	1,5-2,0
Vit. B ₁₂	µg	0,7	0,88	1,4	2,7-3,6
Pantothenic acid	mg	1,4	1,75	2,8	5,4-7,2
Biotin	µg	9,0	11,3	18	33,8-45
Folic acid	µg	60	75	120	225-300
Vit. C	mg	18	22,5	36	67,5-90
Choline**	mg	32	40	64	120-160
Sodium (Na)	mg mmol	70 3,0	88 3,8	140 6,0	263-350 11,4-15,2
Salt (Na*2.5)	g	0,18	0,22	0,35	0,66- 0,88
Potassium (K)	mg mmol	130 3,3	163 4,1	260 6,6	488- 650 12,5-16,6
Chloride (Cl)	mg mmol	50 1,4	63 1,8	100 2,8	188-250 5,3-7,1
Calcium (Ca)	mg mmol	150 3,7	188 4,6	300 7,4	563-750 14,0-18,7
Phosphorus (P)	mg mmol	95 3,1	119 3,9	190 6,2	356-475 11,5-15,3
Magnesium (Mg)	mg mmol	15 0,62	19 0,78	30 1,24	56-75 2,3-3,1
Iron (Fe)	mg	2,4	3	4,8	9-12
Zinc (Zn)	mg	1,8	2,3	3,6	6,75-9,0
Copper (Cu)	µg	360	450	720	1350-1800
Manganese (Mn)	mg	0,48	0,6	0,96	1,8-2,4
Iodine (I)	µg	36	45	72	135-180
Fluorine (F)	mg	0,24	0,3	0,48	0,9-1,2
Chromium (Cr)	µg	12	15	24	45-60
Molybdenum (Mo)	µg	18	22,5	36	67,5-90
Selenium (Se)	µg	12	15	24	45-60

* RDD: recommended daily dosage for supplemental nutrition 375-500 g (=3-4 x 125g cups or 2 x 200g cups)[RDD for complete nutrition 800-1000g (=7-8 x 125g cups or 4-5 x 200g cups)]

RE: retinol equivalent, 1 µg RE = 6 µg alltrans-β-carotene, 1IU= 0.3 µg RE

TE: tocopherol equivalent, 1IU = 0.67 mg TE

NE: niacin equivalent, 1 mg NE = 1 mg niacin = 60 mg tryptophan

1 µg Folate equivalent = 0.6 µg folic acid

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3.1. Nutrient Sources

	NEW Diben Crème Praliné HV 1049/ 1 , Wild Strawberry HV 1050/ 1 , Cappuccino HV 1051/ 1 , Vanilla HV 1087/ 1 , Apricot-Peach HV 1109/ 1
Protein	Milk
Carbohydrates	Starch, maltodextrin, fructose
Fat	Rapeseed oil, Sunflower oil, MCT
Dietary fibre	Tapioca dextrin

3.2. Further Ingredients - Occasionally Relevant for the Dietary Management

	NEW Diben Crème Praliné HV 1049/ 1 , Wild Strawberry HV 1050/ 1 , Cappuccino HV 1051/ 1 , Vanilla HV 1087/ 1 , Apricot-Peach HV 1109/ 1
Cholesterol	Low in cholesterol ($\leq 300\text{mg/RDD}$)
Lactose	Clinically free ($\leq 6\text{g/RDD}$) Germany low in ($\leq 1\text{g}/100\text{g}$),
Purine	Clinically free from ($\leq 50\text{mg/RDD}$)
Gluten	Free from ($\leq 20\text{mg/kg}$)
Fibre	With fibre ($\geq 15\text{g/RDD}$)

product characteristics: free from, clinically free from, very low, low, contained, rich

RDD here means: recommended daily dosage for complete nutrition

4. Carbohydrate Composition (digestible Carbohydrates)

		NEW Diben Crème Praliné HV 1049/ 1 , Wild Strawberry HV 1050/ 1 , Cappuccino HV 1051/ 1 , Vanilla HV 1087/ 1 , Apricot-Peach HV 1109/ 1			
		100g	125g	200g	RDD*=375-500g
Glucose	g	0,13	0,16	0,26	0,49-0,65
Fructose	g	1,9	2,38	3,8	7,1-9,5
Maltose	g	0,17	0,21	0,34	0,64-0,85
Saccharose	g	0	0	0	0
Lactose	g	$\leq 0,5^{**}$	$\leq 0,6^{**}$	$\leq 1,0^{**}$	$\leq 1,9-2,5^{**}$
Oligosaccharides and Polysaccharides	g	3,6	4,5	7,2	13,4-17,9
Starch	g	7,1	8,9	14,2	26,6-35,4
Digestible Carbohydrates	g	13,1	16,4	26,2	49,2-65,5

* RDD: recommended daily dosage for supplemental nutrition 375 - 500 g (= 3-4 x 125g cups or 2 x 200g cups);
[RDD for complete nutrition 800-1000g (=7-8 x 125g cups or 4-5 x 200g cups)], ** calculated value

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5. Fatty Acid Profile

				NEW		
				Diben Crème		
				Praliné HV 1049/ 1 , Wild Strawberry HV 1050/ 1 , Cappuccino HV 1051/ 1 , Vanilla HV 1087/ 1 , Apricot- Peach HV 1109/ 1		
				100g	125g	200g
				RDD*		
				375-500g		
C6:0	Caproic acid	g	0,002	0,003	0,004	0,008-0,01
C8:0	Caprylic acid	g	0,67	0,84	1,34	2,51-3,35
C10:0	Capric acid	g	0,46	0,58	0,92	1,73-2,30
C12:0	Lauric acid	g	0,004	0,005	0,008	0,015-0,02
C14:0	Myristic acid	g	n.s.	n.s.	n.s.	n.s.
C16:0	Palmitic acid	g	0,24	0,3	0,48	0,9-1,20
C16:1 ω 7	Palmitoleic acid	g	n.s.	n.s.	n.s.	n.s.
C18:0	Stearic acid	g	0,15	0,19	0,30	0,56-0,75
C18:1 ω 9	Oleic acid	g	3,89	4,86	7,78	14,6-19,5
C18:2 ω 6	Linoleic acid	g	0,92	1,15	1,84	3,45-4,60
C18:3 ω 3	α -Linolenic acid	g	0,28	0,35	0,56	1,05-1,40
C20:5 ω 3	Eicosapentaenoic ac	g	0,00	0,00	0,00	0,00
C22:6 ω 3	Docosahexaenoic ac	g	0,00	0,00	0,00	0,00
Other ω -3 fatty acids from fish		g	0,00	0,00	0,00	0,00
Trans fatty acids		g	n.s.	n.s.	n.s.	n.s.

* RDD: recommended daily dosage for supplemental nutrition 375 - 500g

(= 3-4 x 125g cups or 2 x 200g cups);

[RDD for complete nutrition 800-1000g (=7-8 x 125g cups or 4-5 x 200g cups)]

n.s.: not specified

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6. Amino Acid Pattern

		NEW Diben Crème Praliné HV 1049/1, Wild Strawberry HV 1050/1, Cappuccino HV 1051/1, Vanilla HV 1087/1, Apricot- Peach HV 1109/1			
		100g	125g	200g	RDD*=375-500g
Nutritionally indispensable					
Histidine	g	0,22	0,28	0,44	0,83-1,10
Isoleucine	g	0,44	0,55	0,88	1,65-2,20
Leucine	g	0,76	0,95	1,52	2,85-3,80
Lysine	g	0,64	0,80	1,28	2,40-3,20
Methionine	g	0,22	0,28	0,44	0,83-1,10
Phenylalanine	g	0,38	0,48	0,76	1,43-1,90
Threonine	g	0,36	0,45	0,72	1,35-1,80
Tryptophan	g	0,08	0,10	0,16	0,30-0,40
Valine	g	0,54	0,68	1,08	2,03-2,70
Conditionally indispensable					
Cysteine	g	0,05	0,06	0,10	0,19-0,25
Tyrosine	g	0,41	0,51	0,82	1,54-2,05
Taurine	g	n.s.	n.s.	n.s.	n.s.
Glycine	g	0,14	0,18	0,28	0,53-0,70
Arginine	g	0,28	0,35	0,56	1,05-1,40
Glutamine	g	0,57	0,71	1,14	2,14-2,85
Proline	g	0,76	0,95	1,52	2,85-3,80
Dispensable (non-essential)					
Aspartic acid and Asparagine	g	0,72	0,90	1,44	2,70-3,60
Glutamic acid	g	0,79	0,99	1,58	2,96-3,95
Alanine	g	0,25	0,31	0,50	0,94-1,25
Serine	g	0,46	0,58	0,92	1,73-2,30

* RDD: recommended daily dosage for supplemental nutrition 375 - 500 g

(= 3-4 x 125g cups or 2 x 200g cups);

[RDD for complete nutrition 800-1000g (=7-8 x 125g cups or 4-5 x 200g cups)],

n.s.: not specified

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7. Further information for labelling

Storage conditions	Store at room temperature (4-25°C). Open cups, when not heated, may be stored in the refrigerator for <24 hrs.
Packaged in a protective atmosphere	Yes
Recommended feeding tube size • For gravity application • For pump assisted feeding	Not applicable Not applicable
Age statement	Not suitable for children < 3 years Use with caution in children <6 years
How to prepare	Not applicable

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Approval

NEW

Diben Crème

Praliné HV 1049 /1, Wild Strawberry HV 1050 /1,

Cappuccino HV 1051 /1, Vanilla HV 1087 /1, Apricot-Peach HV 1109 /1

Date	13. Nov. 2017	08. Dec. 2017	14. Dec. 2017	19. Dec. 2017
Signature	S. Wiegand	Kristina Flock	Alan Roberts	U. Christiani
Name (in block letters)	S. WIEGAND	Kristina Flock	ALAN ROBERTS	U. CHRISTIANI
	I&D EN	I&PM EN	SA EN	SM EN
	Compiled	Approved		

Cc

Head of Business Unit EN
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 Head of Strategic Marketing EN
 Head of Scientific Affairs
 Regulatory Affairs EN
 Project Management EN
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