

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

Date of compilation: 21. December 2017

1. Main Nutrients

Changes: - Maximal value of cholesterol instead of mean value - Addition of β -carotene value in $\mu\text{g RE}$ - Decrease of niacin - Addition of niacin value in mg NE - Implementation of salt content - Adaptation of product characteristic for cholesterol - Correction of lactose content (page 3) - Decrease of tryptophan level - Implementation of age statement		- NEW - Fresubin Jucy DRINK Apple (HV 1082/1), Cassis (HV 1083/1), Orange (HV 1084/2), Pineapple (HV 1085/1), Cherry (HV 1086/1)		-To be phased out- Fresubin Jucy DRINK HV 1082, HV 1083, HV 1084, HV 1085, HV 1086
Values per		100 ml	RDD*=600ml	RDD*=600 ml
Energy	kcal	150	900	900
	kJ	630	3780	3780
Caloric density	kcal/ml	1,5	1,5	1,5
Water	ml	76	456	456
Osmolarity	mosmol/l	680	680	680
Osmolality	mosmol/kg H ₂ O	900	900	900
Protein	11 Energy % g	4,0	24	24
thereof				
- nitrogen	g	0,63	3,8	3,8
- milk protein	%	100	100	100
- thereof casein/whey	%	0/100	0/100	0/100
- other protein sources	%	-	-	-
Fat	0 Energy % g			
thereof				
- MCT	0 Energy % g			
- LCT				
- SFA ¹⁾²⁾	0 Energy % g			
- MUFA ¹⁾	0 Energy % g			
- PUFA ¹⁾	0 Energy % g			
- Linoleic acid	g			
- α -Linolenic acid	g			
- EPA	g			
- DHA	g			
- n6/n3 Fatty Acids	g			
- Cholesterol	mg	$\leq 0,5^{**}$	$\leq 3,0^{**}$	1,2 ^{**}
Carbohydrate	89 Energy % g	33,5	201	201
thereof				
- sugars	g	8,0	48	48
thereof				
- fructose	g	0,02	0,12	0,12
- lactose	g	$\leq 0,03^{**}$	$\leq 0,18^{**}$	$\leq 0,18^{**}$
Dietary fibre	0 Energy % g	0	0	0
Other Substances		n.s.	n.s.	n.s.

* RDD: recommended daily dosage for supplemental nutrition

¹⁾ as triglycerides

** calculated value

²⁾ total SFA= MCT plus SFA of LCT

n.a.: not applicable n.s.: not specified

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 -		-To be phased out -
			Fresubin Jucy DRINK		Fresubin Jucy DRINK
			Apple (HV 1082/1), Cassis (HV 1083/1), Orange (HV 1084/2), Pineapple (HV 1085/1), Cherry (HV 1086/1)		HV 1082, HV 1083, HV 1084, HV 1085, HV 1086
Values per			100 ml	RDD*=600ml	RDD*=600 ml
Vit. A	µg		150	900	900
β- Carotene	µg		0 ^{a)} , 167 ^{b)}	0 ^{a)} , 1000 ^{b)}	0 ^{a)} , 1000 ^{b)}
	µg RE		0 ^{a)} , 28 ^{b)}	0 ^{a)} , 168 ^{b)}	
Total Vit. A	µg RE		150 ^{a)} , 178 ^{b)}	900 ^{a)} , 1068 ^{b)}	900 ^{a)} , 1068 ^{b)}
Vit. D ₃	µg		2,5	15	15
Vit. E	mg αTE		3,75	22,5	22,5
Vit. K ₁	µg		25	150	150
Vit. B ₁	mg		0,3	1,8	1,8
Vit. B ₂	mg		0,4	2,4	2,4
Niacin	mg		1,80	10,8	22,5
	mg NE		2,62	15,7	
Vit. B ₆	mg		0,43	2,6	2,6
Vit. B ₁₂	µg		0,75	4,5	4,5
Pantothenic acid	mg		1,5	9	9
Biotin	µg		9,4	56,4	56,4
Folic acid	µg		62,5	375	375
Vit. C	mg		18,8	113	113
Choline**	mg		n.s.	n.s.	n.s.
Sodium	mg	(Na)	6	36	36
	mmol		0,3	1,6	1,6
Salt (Na*2.5)	g		0,02	0,09	
Potassium	mg	(K)	7	42	42
	mmol		0,2	1,1	1,1
Chloride	mg	(Cl)	190	1140	1140
	mmol		5,4	32,2	32,2
Calcium	mg	(Ca)	50	300	300
	mmol		1,3	7,5	7,5
Phosphorus	mg	(P)	11	66	66
	mmol		0,4	2,1	2,1
Magnesium	mg	(Mg)	1	6	6
	mmol		0,04	0,2	0,2
Iron	mg	(Fe)	2,5	15	15
Zinc	mg	(Zn)	1,88	11,3	11,3
Copper	µg	(Cu)	375	2250	2250
Manganese	mg	(Mn)	0,5	3,0	3,0
Iodine	µg	(I)	37,5	225	225
Fluorine	mg	(F)	0,25	1,5	1,5
Chromium	µg	(Cr)	12,5	75	75
Molybdenum	µg	(Mo)	18,8	113	113
Selenium	µg	(Se)	12,5	75	75

* RDD: recommended daily dosage for supplemental nutrition

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

^{a)} Apple, Cassis, Pineapple, Cherry, ^{b)} Orange

n.s.: not specified

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3.1. Nutrient Sources

	- NEW - Fresubin Jucy DRINK Apple (HV 1082/1), Cassis (HV 1083/1), Orange (HV 1084/2), Pineapple (HV 1085/1), Cherry (HV 1086/1)	-To be phased out- Fresubin Jucy DRINK HV 1082, HV 1083, HV 1084, HV 1085, HV 1086
Protein	whey protein	whey protein
Carbohydrates	maltodextrin, saccharose	maltodextrin, saccharose
Fat	not contained	not contained
Dietary fibre	not contained	not contained

3.2. Further Ingredients - Occasionally Relevant for the Dietary Management

	- NEW - Fresubin Jucy DRINK Apple (HV 1082/1), Cassis (HV 1083/1), Orange (HV 1084/2), Pineapple (HV 1085/1), Cherry (HV 1086/1)	-To be phased out- Fresubin Jucy DRINK HV 1082, HV 1083, HV 1084, HV 1085, HV 1086
Cholesterol	low in ($\leq 300\text{mg/RDD}$)	clinically free ($\leq 50\text{mg/RDD}$)
Lactose	clinically free ($\leq 6\text{g/RDD}$)	clinically free ($\leq 6\text{g/RDD}$)
Purine	clinically free ($\leq 50\text{mg/RDD}$)	clinically free ($\leq 50\text{mg/RDD}$)
Gluten	gluten free ($\leq 20\text{mg/kg}$)	gluten free ($\leq 20\text{mg/kg}$)
Fibre	fibre free ($\leq 0,1 \text{ g/100ml}$)	fibre free ($\leq 0,1 \text{ g/100ml}$)

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 - Fresubin Jucy DRINK Apple (HV 1082/1), Cassis (HV 1083/1), Orange (HV 1084/2), Pineapple (HV 1085/1), Cherry (HV 1086/1)	-To be phased out- Fresubin Jucy DRINK HV 1082, HV 1083, HV 1084, HV 1085, HV 1086	
Values per		100 ml	RDD*=600ml	RDD*=600 ml
Glucose	g	0,74	4,44	4,44
Fructose	g	0,02	0,12	0,12
Maltose	g	3,20	19,2	19,2
Saccharose	g	4,00	24,0	24
Lactose	g	≤ 0,03**	≤ 0,18**	≤ 0,12**
Oligosaccharides and Polysaccharides	g	25,5	153	153
Starch	g	0	0	0
Digestible Carbohydrates	g	33,5	201	201

* RDD: recommended daily dosage for supplemental nutrition

** calculated value

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5. Fatty Acid Profile

			- NEW -	-To be phased out-
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			Apple (HV 1082/ 1), Cassis (HV 1083/ 1), Orange (HV 1084/ 2), Pineapple (HV 1085/ 1), Cherry (HV 1086/ 1)	HV 1082, HV 1083, HV 1084, HV 1085, HV 1086
Values per			100 ml	RDD*=600ml
C6:0	Caproic acid	g		
C8:0	Caprylic acid	g		
C10:0	Capric acid	g		
C12:0	Lauric acid	g		
C14:0	Myristic acid	g	Product contains no fat	
C16:0	Palmitic acid	g		
C16:1 ω 7	Palmitoleic acid	g		
C18:0	Stearic acid	g		
C18:1 ω 9	Oleic acid	g		
C18:2 ω 6	Linoleic acid	g		
C18:3 ω 3	α -Linolenic acid	g		
C20:5 ω 3	Eicosapentaenoic acid	g		
C22:6 ω 3	Docosahexaenoic acid	g		
Other ω -3 fatty acids from fish		g		
Trans fatty acids		g		

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6. Amino Acid Pattern

	- NEW -	-To be phased out-
	Fresubin Jucy DRINK	Fresubin Jucy DRINK
	Apple (HV 1082/1), Cassis (HV 1083/1), Orange (HV 1084/2), Pineapple (HV 1085/1), Cherry (HV 1086/1)	HV 1082, HV 1083, HV 1084, HV 1085, HV 1086

Values per		100 ml	RDD*=600ml	RDD*=600 ml
Nutritionally indispensable				
Histidine	g	0,08	0,48	0,48
Isoleucine	g	0,30	1,80	1,80
Leucine	g	0,46	2,76	2,76
Lysine	g	0,42	2,52	2,52
Methionine	g	0,10	0,60	0,60
Phenylalanine	g	0,13	0,78	0,78
Threonine	g	0,32	1,92	1,92
Thryptophan	g	0,05	0,30	0,48
Valine	g	0,26	1,56	1,56
Conditionally indispensable				
Cysteine	g	0,11	0,66	0,66
Tyrosine	g	0,12	0,72	0,72
Taurine	g	n.s.	n.s.	n.s.
Glycine	g	0,07	0,42	0,42
Arginine	g	0,08	0,48	0,48
Glutamine	g	0,25	1,50	1,50
Proline	g	0,29	1,74	1,74
Dispensable (non-essential)				
Aspartic acid and Asparagine	g	0,48	2,88	2,88
Glutamic acid	g	0,53	3,18	3,18
Alanine	g	0,22	1,32	1,32
Serine	g	0,23	1,38	1,38

* RDD: recommended daily dosage for supplemental nutrition

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7. Further information for labelling

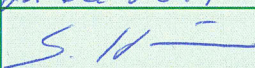
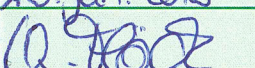
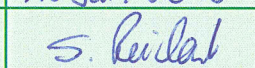
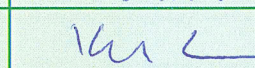
Storage conditions	room temperature
Packaged in a protective atmosphere	packaged under nitrogen atmosphere
Recommended feeding tube size	not applicable
- For gravity application - For pump assisted feeding	not applicable
Age statement	not suitable for children < 3 years. use with caution in children < 6 years.
How to prepare	not applicable

Approval

NEW

Fresubin Jucy

Apple (HV 1082/**1**),
Cassis (HV 1083/**1**),
Orange (HV 1084/**2**),
Pineapple (HV 1085/**1**),
Cherry (HV 1086/**1**)

Date	21. Dec 2017	15. Jan. 2018	18 Jan 2018	18 Jan 2018
Signature				
Name (in block letters)	Susanne Keim	Kristina Floeck	Stephanie Reichert	Julia Kobsa
	I&D EN	I&PM EN	SA EN	SM EN
	Compiled	Approved		
Cc	Head of Business Unit EN Head of Innovation and Project Management EN Head of Strategic Marketing EN Head of Scientific Affairs Regulatory Affairs EN Project Management EN Plant Bad Homburg Product Interface & Portfolio Quality Assurance EN			