Product Information
– for professionals only –

ZeroTP K, J, A

In Short

- ZeroTP is a Food for Special Medical Purposes (FSMP) for use in the dietary management of Tyrosinemia or Alkaptonuria
- for 3 age groups (K, J, A):
  - > ZeroTP K: from 4 months to 6 years of age (tin) and from 6 months to 6 years of age (sachet)
  - > ZeroTP J: 7 to 14 years of age
  - > ZeroTP A: from 15 years of age onwards
- highly concentrated powdered protein supplements free of Tyrosine and Phenylalanine (TP)
- no additional calories: no carbohydrate – no fat
- neutral or rather characteristic taste
- highly purified L-amino acids
- micronutrients in balanced, age-based amounts
- in 500 g tin or in convenient portion sachets at 5 g (K) or 10 g (J,A) protein equivalent

Product Profile

ZeroTP is a highly concentrated powdered mixture of highly purified L-amino acids free of Tyrosine and Phenylalanine (TP). ZeroTP contains neither carbohydrate nor fat and therefore no additional calories. All 3 products have a neutral or rather characteristic taste.
The 3 products are enriched with vitamins, minerals and trace elements in balanced, age-based amounts.

ZeroTP for 3 age groups

> ZeroTP K from 4 months to 6 years (tin) and from 6 months to 6 years (sachet)
> ZeroTP J from 7 to 14 years
> ZeroTP A from 15 years onwards

Administration

Each of the 3 products should always be taken along with calculated quantities of other foods.

Preparation

For preparation
> fill 100 – 150 ml still water into a shaker – for ZeroTP K 50 ml might be sufficient,
> add 1 sachet and shake. Ready!
Can also be prepared with more or less amount of water, as desired.
Always prepare freshly!

Function ZeroTP substitutes that part of the protein in the diet which may not be taken up from natural food sources.

Indication ZeroTP is a food for special medical purposes and as protein supplement suitable for the dietary management of Tyrosinemia or Alkaptonuria.

Dosage The daily total amount of amino acid mixture depends on age, body weight and individual medical condition/protein tolerance and should be re-examined and adjusted in accordance with the results of regular monitoring.
The daily dosage of amino acid mixture should at best be divided into 3 – 5 single portions.
ZeroTP can be combined with other products from the ZeroTP-system.
The diet must be supplemented with energy, natural protein and other nutrients in prescribed quantities.

Important Notice Must only be used under medical supervision. Not for use as a sole source of nutrition. For enteral use only. Only for people with proven Tyrosinemia or Alkaptonuria. Suitable for the – for each of the three products – indicated age group.

Amino acids per 100 g powder

ZeroTP		K	J	A
L-Alanine	g	6,1	6,4	6,6
L-Arginine	g	3,6	3,8	3,5
L-Aspartic acid	g	11,8	10,9	12,1
L-Cystine	g	1,9	2,0	2,0
L-Glutamine	g	2,7	2,9	6,6
L-Glutamic acid	g	7,6	7,9	4,9
Glycine	g	6,5	6,8	7,5
L-Histidine	g	1,9	2,0	1,9
L-Isoleucine	g	4,5	4,7	4,8
L-Leucine	g	7,1	7,4	7,6
L-Lysine	g	5,9	6,1	6,3
L-Methionine	g	2,0	2,1	2,2
L-Phenylalanine	g	–	–	–
L-Proline	g	8,0	8,3	8,6
L-Serine	g	4,3	4,5	4,6
L-Threonine	g	4,4	4,6	4,7
L-Tryptophan	g	1,8	1,9	1,9
L-Tyrosine	g	–	–	–
L-Valine	g	6,6	6,8	7,0

Amino acids per 1 sachet

ZeroTP		K	J	A
L-Alanine	g	0,43	0,85	0,9
L-Arginine	g	0,25	0,50	0,5
L-Aspartic acid	g	0,82	1,45	1,6
L-Cystine	g	0,13	0,26	0,3
L-Glutamine	g	0,19	0,38	0,9
L-Glutamic acid	g	0,53	1,05	0,6
Glycine	g	0,45	0,90	1,0
L-Histidine	g	0,13	0,26	0,3
L-Isoleucine	g	0,31	0,62	0,6
L-Leucine	g	0,49	0,98	1,0
L-Lysine	g	0,41	0,81	0,8
L-Methionine	g	0,14	0,28	0,3
L-Phenylalanine	g	–	–	–
L-Proline	g	0,56	1,11	1,1
L-Serine	g	0,30	0,60	0,6
L-Threonine	g	0,31	0,61	0,6
L-Tryptophan	g	0,13	0,25	0,3
L-Tyrosine	g	–	–	–
L-Valine	g	0,46	0,91	0,9

INGREDIENTS

ZeroTP K

L-lysine-L-aspartate, potassium-L-glutamate, L-proline, L-leucine, L-valine, glycine, L-arginine-L-aspartate, L-alanine, calcium phosphate, L-isoleucine, L-threonine, L-serine, magnesium-L-aspartate, L-glutamine, sodium chloride, L-methionine, L-cystine, L-histidine, L-tryptophan, calcium carbonate, choline, L-carnitine, vitamin E, vitamin A, sodium molybdate, folic acid, inositol, niacin, ferrous sulphate, sodium selenite, vitamin C, zinc sulphate, pantothenic acid, taurine, vitamin K, sodium fluoride, manganese sulphate, chromium (III) chloride, vitamin B2, vitamin B1, vitamin B6, potassium iodide, cupric sulphate, biotin, vitamin D, vitamin B12.

ZeroTP J

L-lysine-L-aspartate, potassium-L-glutamate, L-proline, L-leucine, L-valine, glycine, L-arginine-L-aspartate, L-alanine, calcium phosphate, L-isoleucine, L-threonine, L-serine, magnesium-L-aspartate, L-glutamine, N-acetyl-L-methionine, L-cystine, L-histidine, L-tryptophan, calcium carbonate, choline, L-carnitine, vitamin E, vitamin A, sodium molybdate, folic acid, inositol, niacin, ferrous sulphate, sodium selenite, vitamin C, zinc sulphate, pantothenic acid, taurine, vitamin K, sodium fluoride, manganese sulphate, chromium (III) chloride, vitamin B2, vitamin B1, vitamin 6, potassium iodide, cupric sulphate, biotin, vitamin D, vitamin B12.

ZeroTP A

L-lysine-L-aspartate, L-proline, L-leucine, glycine, L-valine, L-glutamine, L-alanine, L-arginine-L aspartate, potassium-L-glutamate, L-isoleucine, L-threonine, L-serine, magnesium-L-aspartate, calcium phosphate, N-acetyl-L-methionine, L-cystine, L-tryptophan, L-histidine, choline, L-carnitine, vitamin E, vitamin A, sodium molybdate, folic acid, inositol, niacin, ferrous sulphate, sodium selenite, vitamin C, zinc sulphate, pantothenic acid, vitamin K, manganese sulphate, chromium (III) chloride, vitamin B2, vitamin B1, vitamin B6, potassium iodide, cupric sulphate, biotin, vitamin D, vitamin B12.

Delivery Unit	ZeroTP K	tin 2 x 500 g = 1000 g	box, sachets (sa) 4 x 25 sa at 6,9 g = 690 g
Article Number		xx-001-30911	xx-001-30918
Delivery Unit	ZeroTP J	tin 2 x 500 g = 1000 g	box, sachets (sa) 4 x 25 sa at 13,3 g = 1330 g
Article Number		xx-001-31002	xx-001-31013
Delivery Unit	ZeroTP A	tin 2 x 500 g = 1000 g	box, sachets (sa) 4 x 25 sa at 12,9 g = 1290 g
Article Number		xx-001-31057	xx-001-31064
Delivery to	Pharmacies, clinics		
Storage	Store in a cool, dry place.		

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NUTRITION INFORMATION

		ZeroTP K			ZeroTP J			ZeroTP A		
		100 g	6,9 g/ 1 sachet		100 g	13,3 g/ 1 sachet		100 g	12,9 g/ 1 sachet	
Energy	kJ	1231	85		1275	170		1313	170	
	kcal	290	20		300	40		309	40	
Fat	g	0	0		0	0		0	0	
of which saturates	g	0	0		0	0		0	0	
Carbohydrate	g	0	0		0	0		0	0	
of which sugars	g	0	0		0	0		0	0	
Protein eqv.	g	72	5		75	10		77	10	
Amino acids	g	87	6		90	12		93	12	
Salt	g	2,6	0,18		0	0		0	0	
Vitamins				g protein			g protein			g protein
Vitamin A	µg	1013	70	14	1350	180	18	1200	155	16
Vitamin D3	µg	36	2,5	0,5	30	4	0,4	9	1,2	0,12
Vitamin E	mg	25	1,8	0,35	27	3,5	0,35	19	2,5	0,25
Vitamin K1	µg	93	6	1,3	97	13	1,3	85	11	1
Vitamin C	mg	94	6	1,3	157	21	2	100	13	1,3
Thiamin (Vit. B1)	mg	2,5	0,17	0,035	2,6	0,35	0,035	2	0,25	0,025
Riboflavin (Vit. B2)	mg	3	0,2	0,04	3	0,4	0,04	2	0,3	0,03
Niacin	mg	30	2	0,4	60	8	0,8	31	4	0,4
Vitamin B6	mg	1,8	0,12	0,025	2,4	0,3	0,03	2	0,3	0,03
Folic acid	µg	181	12	2,5	302	40	4	696	90	9
Vitamin B12	µg	7	0,5	0,1	5	0,6	0,06	7	0,9	0,09
Biotin	µg	36	2,5	0,5	60	8	0,8	193	25	2,5
Pantothenic acid	mg	7	0,5	0,1	10	1,3	0,13	12	1,6	0,16
Minerals										
Sodium	mg	1050	72	14	0	0	0	0	0	0
Potassium	mg	1857	128	26	1875	250	25	1160	150	15
Chloride	mg	1620	112	22	0	0	0	0	0	0
Calcium	mg	2265	156	31	2100	280	28	1190	154	15
Phosphorus	mg	962	66	13	1001	133	13	787	102	10
Magnesium	mg	456	31	6	405	54	5	387	50	5
Trace elements										
Iron	mg	32	2	0,4	27	3,6	0,36	23	3	0,3
Zinc	mg	26	1,8	0,36	27	3,6	0,36	20	2,6	0,26
Copper	mg	3	0,2	0,04	3	0,4	0,04	2	0,25	0,025
Manganese	mg	7	0,5	0,1	8	1,1	0,11	5	0,7	0,07
Fluoride	mg	1,1	0,1	0,015	1,1	0,15	0,015	0	0	0
Selenium	µg	87	6	1,2	109	15	1,5	56	7	0,7
Chromium	µg	72	5	1	150	20	2	77	10	1
Molybdenum	µg	159	11	2	128	17	1,7	116	15	1,5
Iodine	µg	362	25	5	338	45	4,5	271	35	3,5

FURTHER NUTRITION INFORMATION

L-Carnitine	mg	65	4,5	0,9	68	9	0,9	54	7	0,7
Choline	mg	181	12	2,5	677	90	9	193	25	2,5
myo-Inositol	mg	340	24	5	353	47	5	116	15	1,5
Taurine	mg	72	5	1	75	10	1	0	0	0

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