

Product Information

– for professionals only –



SineLys^K

In Short

- SineLys K is a Food for Special Medical Purposes (FSMP) for use in the dietary management of rare metabolic disorders
- suitable as an add-on in the dietary management of Pyridoxine-Dependent Epilepsy (PDE) – no replacement of the vitamin B6 treatment
- Lysine-(Lys)free powdered protein supplement
- low in calories: small amount of carbohydrate – no fat
- neutral or rather characteristic taste
- highly purified L-amino acids
- micronutrients in balanced, age-based amounts
- in 450 g tin

Product Profile

SineLys K is a mixture of highly purified L-amino acids free of Lysine (Lys).

SineLys K contains a small amount of carbohydrate and no fat, thus low in calories.

SineLys K is neutral or rather characteristic in taste.

SineLys K is supplemented with vitamins, minerals and trace elements in balanced amounts.

Please note: The Lysine-free protein supplement SineLys K is not a replacement for the vitamin B6 treatment in Pyridoxine-Dependent Epilepsy.

Administration

SineLys K should always be taken along with calculated quantities of Lysine containing foods.

A leaflet containing information on Pyridoxine-Dependent Epilepsy and its treatment is available for parents. There a food guide pyramid demonstrates descriptively the Lysine-reduced diet in detail.

Preparation

SineLys K is flexible in preparation. See box "Preparation"

Tip: SineLys K taken in apple juice tastes especially delicious! But may also be prepared with other juices or soft drinks. Consider the protein content! Be careful when mixing with carbonated drinks in a shaker.

Notice: We recommend to drink a glass of water or other beverage directly after taking

SineLys K in one of the concentrations XS, S or M. Always prepare freshly!

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

Indication SineLys K is a food for special medical purposes for use in the dietary management of rare metabolic disorders.

SineLys K is suitable for an add-on dietary management of Pyridoxine-Dependent Epilepsy (PDE).

Dosage The daily total amount of amino acid mixture depends on age, body weight and individual medical condition 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 – 4 single portions.

The diet must be supplemented with energy, natural protein and other nutrients in prescribed quantities.

Amino acids

SineLys K	100 g	10 g
L-Alanine	g 3,4	0,34
L-Arginine	g 3	0,3
L-Aspartic acid	g 9	0,9
L-Cystine	g 2	0,2
L-Glutamine	g 9	0,9
Glycine	g 7	0,7
L-Histidine	g 3	0,3
L-Isoleucine	g 4	0,4
L-Leucine	g 7	0,7
L-Lysine	g 0	0
L-Methionine	g 1,3	0,13
L-Phenylalanine	g 3	0,3
L-Proline	g 6	0,6
L-Serine	g 4	0,4
L-Threonine	g 5	0,5
L-Tryptophan	g 1,3	0,13
L-Tyrosine	g 3	0,3
L-Valine	g 5	0,5

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 rare metabolic disorders or Pyridoxine-Dependent Epilepsy (PDE). Not suitable for infants in the first year of life.

Preparation

	Size	Product	Amount	Water
✓ Gel	XS > stir – eat with a spoon	SineLys K	10 g	+ 15 ml
✓ Drink	S > stir – eat with a spoon or drink	SineLys K	10 g	+ 25 ml
✓ Shake	M > shake – ready to drink	SineLys K	10 g	+ 40 ml
✓ Shake	L oder XL > shake – ready to drink	SineLys K	10 g	+ 50 – 100 ml or more

NUTRITION INFORMATION

SineLys K

100 g

10 g

Energy		kJ	1312	131
		kcal	309	31
Fat	g	<0,2	<0,1	
of which saturates	g	<0,02	<0,01	
Carbohydrate	g	13	1,3	
of which sugars	g	9	0,9	
Protein eqv.	g	63	6	
Amino acids	g	76	8	
Salt	g	0	0	

Vitamins

g protein

Vitamin A	µg	875	88	14
Vitamin D3	µg	38	4	0,6
Vitamin E	mg	22	2	0,35
Vitamin K1	µg	56	6	0,9
Vitamin C	mg	111	11	1,8
Thiamin (Vit. B1)	mg	3	0,3	0,05
Riboflavin (Vit. B2)	mg	4	0,4	0,06
Niacin	mg	40	4	0,6
Vitamin B6	mg	3	0,3	0,05
Folic acid	µg	470	47	7
Vitamin B12	µg	6	0,6	0,1
Biotin	µg	50	5	0,8
Pantothenic acid	mg	12	1,2	0,2

Minerals

Calcium	mg	2807	281	44
Phosphorus	mg	1447	145	23
Magnesium	mg	313	31	5

Trace elements

Iron	mg	35	3,5	0,6
Zinc	mg	22	2	0,35
Copper	mg	2,5	0,25	0,04
Manganese	mg	5	0,5	0,08
Fluoride	mg	1,2	0,12	0,02
Selenium	µg	80	8	1,3
Chromium	µg	125	13	2
Molybdenum	µg	130	13	2
Iodine	µg	450	45	7

FURTHER NUTRITION INFORMATION

L-Carnitine	mg	56	6	0,9
Choline	mg	251	25	4
myo-Inositol	mg	313	31	5
Taurine	mg	62	6	1

INGREDIENTS

L-glutamine, sugar, calcium phosphate, glycine, L-leucine, L-proline, L-arginine-L-aspartate, L-valine, L-threonine, L-isoleucine, L-serine, magnesium-L-aspartate, L-aspartic acid, L-alanine, L-tyrosine, L-phenylalanine, L-histidine, thickener: distarch phosphate, maltodextrin, L-cystine, N-acetyl-L-methionine, L-tryptophan, stabilizer: guar gum, acid: citric acid, sweetener: sucralose, emulsifier: sunflower lecithin, 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.

Delivery Unit	tin 1 x 450 g
Article Number	xx-001-31810
Delivery to	Pharmacies, clinics
Storage	Store in a cool, dry place.