

Product Information

– for professionals only –



In Short

- XPhe jump¹⁰/XPhe jump²⁰ is a Food for Special Medical Purposes (FSMP) for use in the dietary management of Phenylketonuria (PKU) or Hyperphenylalaninemia (HPA)
- liquid, ready to drink
- suitable from 3 years of age
- Phe-free protein supplement
- highly purified L-amino acids
- with vitamins, minerals and trace elements
- low in calories: small amount of carbohydrate – virtually no fat (DHA in the flavoured options)
- low volume
- in flavours: cola, orange, tropical, vanilla, wild berries (each with DHA) and neutral (without DHA)
- with the long chain polyunsaturated ω -3 fatty acid (LCPUFA) Docosahexaenoic acid (DHA)
- ready to drink packs in 2 sizes containing 10 g (jump¹⁰) and 20 g (jump²⁰) protein equivalent

Product Profile

XPhe jump is a liquid, ready to drink mixture of highly purified L-amino acids free of Phenylalanine.

XPhe jump is a protein supplement containing only a small amount of carbohydrate and virtually no fat (DHA in the flavoured options) – thus is low in calorie.

XPhe jump is available in ready to drink, reclosable drink packs in 2 sizes.

XPhe jump¹⁰ contains 10 g protein equivalent in 63 ml and XPhe jump²⁰ contains 20 g protein equivalent in 125 ml.

XPhe jump¹⁰ is low in volume.

The easy way of application and the great taste can lead to an improvement of the compliance.

XPhe jump can be obtained in 6 versions: cola, orange, tropical, vanilla, wild berries and neutral.

XPhe jump is supplemented with vitamins, minerals and trace elements. Suitable from 3 years of age.

Convenience Product

XPhe jump is a liquid, ready to drink protein supplement – a convenient option also when on the go.

Docosahexaenoic Acid (DHA)



In the flavoured options XPhe jump contains the polyunsaturated ω -3 fatty acid Docosahexaenoic acid (DHA).

Clinical studies on PKU patients (Koletzko et al. 2007–2009) have shown that patients do not synthesize endogenously DHA in sufficient amounts. From these results it can be concluded that it is not sufficient, if the patient consumes the ω -3 precursor fatty acid, α -Linolenic acid, which is normally used by the enzyme system of the human body to synthesize DHA in adequate amounts. The decreased DHA plasma levels found, showed that it is necessary to supplement this fatty acid directly via food. Food that is rich in DHA (e.g. fish) however is almost not allowed in the PKU-diet. Therefore, for an optimal supply with DHA, XPhe jump – in the flavoured options – is fortified by 6 mg DHA per gram protein eqv. The DHA used here is derived from tuna oil.

Administration

XPhe jump should at best always be taken along with precalculated amounts of other foods.

Intake

Shake drink pack well before use. XPhe jump is best served chilled. After opening it should at best be consumed immediately. After drinking XPhe jump a glass of water or other permitted drink should be taken.

Amino acids		jump ¹⁰	jump ²⁰
XPhe jump	100 ml	63 ml	125 ml
L-Alanine	g 1,0	0,6	1,2
L-Arginine	g 0,9	0,6	1,1
L-Aspartic acid	g 1,8	1,1	2,2
L-Cystine	g 0,5	0,3	0,6
L-Glutamic acid	g 0,5	0,3	0,6
Glycine	g 1,9	1,2	2,4
L-Histidine	g 0,7	0,5	0,9
L-Isoleucine	g 1,0	0,6	1,3
L-Leucine	g 1,7	1,1	2,2
L-Lysine	g 1,2	0,8	1,5
L-Methionine	g 0,4	0,3	0,6
L-Phenylalanine	g –	–	–
L-Proline	g 1,4	0,9	1,7
L-Serine	g 1,3	0,8	1,6
L-Threonine	g 1,4	0,9	1,8
L-Tryptophan	g 0,4	0,2	0,5
L-Tyrosine	g 1,8	1,2	2,3
L-Valine	g 1,2	0,8	1,5

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

Indication XPhe jump is a food for special medical purposes and as a protein supplement suitable for the dietary management of Phenylketonuria (PKU) or Hyperphenylalaninemia (HPA).

Dosage

The daily total amount of amino acid mixture depends on age, body weight and individual medical condition/ Phenylalanine 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.

XPhe jump can be combined with other products from the XPhe-system.

The PKU-diet must be supplemented with energy, natural protein, other nutrients and water 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 Phenylketonuria (PKU) or Hyperphenylalaninemia (HPA). Suitable from 3 years of age.

Delivery Unit	XPhe jump ¹⁰	30 x 63 ml = 1890 ml	60 x 63 ml = 3780 ml
Article Number	Cola Orange Tropical Vanilla Wild Berries neutral	xx-001-25464 xx-001-25455 xx-001-25494 xx-001-25484 xx-001-25474 xx-001-25413	xx-001-25466 xx-001-25457 xx-001-25496 xx-001-25486 xx-001-25476 xx-001-25415
Delivery Unit	XPhe jump ²⁰	30 x 125 ml = 3750 ml	60 x 125 ml = 7500 ml
Article Number	Cola Orange Tropical Vanilla Wild Berries neutral	xx-001-25460 xx-001-25451 xx-001-25490 xx-001-25480 xx-001-25470 xx-001-25410	xx-001-25462 xx-001-25453 xx-001-25492 xx-001-25482 xx-001-25472 xx-001-25412
Delivery to	Pharmacies, clinics		
Storage	Store in a cool place. Protect from direct sunlight.		

INGREDIENTS

XPhe jump

Cola

Water, sweeteners: isomalt & sucralose, sugar, L-lysine-L-aspartate, glycine, L-tyrosine, L-leucine, L-arginine-L-aspartate, L-threonine, L-proline, calcium phosphate, L-serine, L-valine, L-isoleucine, L-alanine, L-histidine, N-acetyl-L-methionine, magnesium citrate, L-glutamic acid, L-cystine, L-tryptophan, flavouring, acids: citric acid & phosphoric acid, colour: E 150d, stabilizers: E 412 & E 415, **docosahexaenoic acid (DHA)-rich fishoil***, inositol, choline, ferric diphosphate, preservatives: E 202 & E 211, vitamin C, taurine, zinc sulphate, L-carnitine, niacin, vitamin E, manganese sulphate, pantothenic acid, cupric sulphate, vitamin B6, vitamin B2, vitamin B1, sodium fluoride, vitamin A, chromium (III) chloride, folic acid, potassium iodide, biotin, sodium molybdate, sodium selenite, vitamin K, vitamin D, vitamin B12.

XPhe jump

Orange

Water, sugar, fruit juice concentrate (orange), L-lysine-L-aspartate, glycine, L-tyrosine, sweeteners: isomalt & sucralose, L-leucine, L-arginine-L-aspartate, L-threonine, L-proline, L-serine, calcium phosphate, L-valine, L-isoleucine, L-alanine, L-histidine, N-acetyl-L-methionine, magnesium citrate, L-glutamic acid, L-cystine, L-tryptophan, vanillin sugar, flavouring, acids: malic acid & citric acid, stabilizers: E 412 & E 415, **docosahexaenoic acid (DHA)-rich fish oil***, inositol, choline, ferric diphosphate, preservatives: E 202 & E 211, colour: beta carotene, vitamin C, taurine, zinc sulphate, L-carnitine, niacin, vitamin E, manganese sulphate, pantothenic acid, cupric sulphate, vitamin B6, vitamin B2, vitamin B1, sodium fluoride, vitamin A, chromium (III) chloride, folic acid, potassium iodide, biotin, sodium molybdate, sodium selenite, vitamin K, vitamin D, vitamin B12.

XPhe jump

Tropical

Water, sugar, fruit juice concentrates (orange, papaya puree, mango, passion fruit, pineapple), L-lysine-L-aspartate, glycine, L-tyrosine, sweeteners: isomalt & sucralose, L-leucine, L-arginine-L-aspartate, L-threonine, L-proline, L-serine, calcium phosphate, L-valine, L-isoleucine, L-alanine, L-histidine, N-acetyl-L-methionine, magnesium citrate, L-glutamic acid, L-cystine, L-tryptophan, vanillin sugar, flavouring, acids: malic acid & citric acid, stabilizers: E 412 & E 415, **docosahexaenoic acid (DHA)-rich fish oil***, inositol, choline, ferric diphosphate, preservatives: E 202 & E 211, colour: beta carotene, vitamin C, taurine, zinc sulphate, L-carnitine, niacin, vitamin E, manganese sulphate, pantothenic acid, cupric sulphate, vitamin B6, vitamin B2, vitamin B1, sodium fluoride, vitamin A, chromium (III) chloride, folic acid, potassium iodide, biotin, sodium molybdate, sodium selenite, vitamin K, vitamin D, vitamin B12.

XPhe jump

Vanilla

Water, sugar, L-lysine-L-aspartate, glycine, L-tyrosine, sweeteners: isomalt & sucralose, L-leucine, L-arginine-L-aspartate, L-threonine, L-proline, L-serine, calcium phosphate, L-valine, L-isoleucine, L-alanine, L-histidine, N-acetyl-L-methionine, magnesium citrate, L-glutamic acid, L-cystine, L-tryptophan, bourbon vanilla sugar, flavouring, acid: lactic acid, stabilizers: E 412 & E 415 & carrageenan, citrus fibre, colour: beta carotene, **docosahexaenoic acid (DHA)-rich fishoil***, inositol, choline, ferric diphosphate, preservatives: E 202 & E 211, vitamin C, taurine, zinc sulphate, L-carnitine, niacin, vitamin E, manganese sulphate, pantothenic acid, cupric sulphate, vitamin B6, vitamin B2, vitamin B1, sodium fluoride, vitamin A, chromium (III) chloride, folic acid, potassium iodide, biotin, sodium molybdate, sodium selenite, vitamin K, vitamin D, vitamin B12.

XPhe jump

Wild Berries

Water, sweeteners: isomalt & sucralose, sugar, L-lysine-L-aspartate, glycine, L-tyrosine, L-leucine, L-arginine-L-aspartate, L-threonine, L-proline, L-serine, L-valine, calcium phosphate, L-isoleucine, L-alanine, L-histidine, N-acetyl-L-methionine, magnesium citrate, L-glutamic acid, L-cystine, L-tryptophan, fruit juice concentrates (black currant, blueberry, sour cherry), flavouring, acids: malic acid & citric acid, stabilizers: E 412 & E 415, **docosahexaenoic acid (DHA)-rich fish oil***, inositol, choline, preservatives: E 202 & E 211, ferric diphosphate, taurine, vitamin C, zinc sulphate, L-carnitine, niacin, vitamin E, manganese sulphate, pantothenic acid, cupric sulphate, vitamin B6, vitamin B2, vitamin B1, sodium fluoride, vitamin A, chromium (III) chloride, folic acid, potassium iodide, biotin, sodium molybdate, sodium selenite, vitamin K, vitamin D, vitamin B12.

XPhe jump

neutral

Water, sweeteners: isomalt & sucralose, sugar, L-lysine-L-aspartate, glycine, L-tyrosine, L-leucine, L-arginine-L-aspartate, L-threonine, L-proline, calcium phosphate, L-serine, L-valine, L-isoleucine, L-alanine, L-histidine, N-acetyl-L-methionine, magnesium citrate, L-glutamic acid, L-cystine, L-tryptophan, acid: citric acid, stabilizers: E 412 & E 415, inositol, choline, ferric diphosphate, preservatives: E 202 & E 211, vitamin C, taurine, zinc sulphate, L-carnitine, niacin, vitamin E, manganese sulphate, pantothenic acid, cupric sulphate, vitamin B6, vitamin B2, vitamin B1, sodium fluoride, vitamin A, chromium (III) chloride, folic acid, potassium iodide, biotin, sodium molybdate, sodium selenite, vitamin K, vitamin D, vitamin B12.

* contains **milk** constituents

NUTRITION INFORMATION		XPhe jump		XPhe jump ¹⁰		XPhe jump ²⁰		g protein	
		100 ml		63 ml (1 pouch)		125 ml (1 pouch)			
		neutral	Cola (C) Orange (O) Tropical (T) Vanilla (V) Wild Berries (WB)	neutral	Cola (C) Orange (O) Tropical (T) Vanilla (V) Wild Berries (WB)	neutral	Cola (C) Orange (O) Tropical (T) Vanilla (V) Wild Berries (WB)		
Energy	kJ	376	453	237	285	470	565		
	kcal	89	107	56	67	111	133		
Fat	g	<0,1	0,5	<0,1	0,3	<0,1	0,6		
of which saturates	g	<0,01	<0,1	<0,01	<0,1	<0,01	<0,1		
DHA	mg	–	96	–	60	–	120	6	
EPA	mg	–	21	–	13	–	26	1,3	
Carbohydrate	g	9	12	6	7	11	14		
			5 (C) 9 (O) 9 (T) 7 (V) 6 (WB)		3 (C) 6 (O) 6 (T) 5 (V) 4 (WB)		6 (C) 11 (O) 11 (T) 9 (V) 8 (WB)		
of which sugars	g	2		1,2		2,4			
Fibre	g	0,11		0,07		0,14			
Protein eqv.	g	16		10		20			
Amino acids	g	19		12		24			
Salt	g	0		0		0			

Vitamins								g protein	
Vitamin A	µg	70	288	44	181	88	360	4	18
Vitamin D3	µg		6		4		8		0,4
Vitamin E	mg		6		3,6		7		0,36
Vitamin K1	µg		21		13		26		1,3
Vitamin C	mg	10	34 (C) 34 (O) 34 (T) 10 (V) 34 (WB)	6	21 (C) 21 (O) 21 (T) 6 (V) 21 (WB)	13	42 (C) 42 (O) 42 (T) 13 (V) 42 (WB)	0,6	2,1 (C) 2,1 (O) 2,1 (T) 0,6 (V) 2,1 (WB)
Thiamin (Vit. B1)	mg		0,6		0,35		0,7		0,035
Riboflavin (Vit. B2)	mg		0,6		0,4		0,8		0,04
Niacin	mg		13		8		16		0,8
Vitamin B6	mg		0,5		0,3		0,6		0,03
Folic acid	µg		64		40		80		4
Vitamin B12	µg		1		0,7		1,3		0,065
Biotin	µg		13		8		16		0,8
Pantothenic acid	mg		2		1,3		2,7		0,13

Minerals									
Sodium	mg		3,6		2,3		4,5	0,23	0,22
Potassium	mg		6		4		7		0,4
Calcium	mg		448		282		560		28
Phosphorus	mg	231	252 (C) 231 (O) 231 (T) 252 (V) 231 (WB)	145	159 (C) 145 (O) 145 (T) 159 (V) 145 (WB)	289	315 (C) 289 (O) 289 (T) 315 (V) 289 (WB)	15	16 (C) 14 (O) 14 (T) 16 (V) 14 (WB)
Magnesium	mg		86		54		108		5

Trace elements									
Iron	mg		6		3,6		7	0,4	0,36
Zinc	mg		6		3,6		7	0,4	0,36
Copper	mg		0,6		0,4		0,8		0,04
Manganese	mg		1,8		1,1		2,3		0,11
Fluoride	mg		0,24		0,15		0,3		0,015
Selenium	µg		23		15		29		1,5
Chromium	µg		32		20		40		2
Molybdenum	µg		27		17		34		1,7
Iodine	µg		72		45		90		4,5

FURTHER NUTRITION INFORMATION									
L-Carnitine	mg		14		9		18		0,9
Choline	mg		144		91		180		9
myo-Inositol	mg		75		47		94		5
Taurine	mg		16		10		20		1