



# Milupa PKU 3-shake Cacao

- ✓ traces of phenylalanine
- ✓ defined protein supplement based on free amino acids
- ✓ for the dietary management of Phenylketonuria and Hyperphenylalaninemia
- ✓ enriched with vitamins, minerals and trace elements in age-adapted quantities
- ✓ not to be used as a sole source of nutrition
- ✓ must be used under medical supervision

## Definition and indication

Milupa PKU 3-shake is a mixture of pure L-amino acids free from phenylalanine, containing fat, carbohydrates, vitamins, minerals and trace elements. It is to be used as a defined protein supplement in the dietary management of Phenylketonuria and Hyperphenylalaninemia. The aromatic taste of Milupa PKU 3-shake derives from natural ingredients. Therefore traces of phenylalanine are present.  
Milupa PKU 3-shake Cacao: 20 mg Phe per sachet (50 g)

Milupa PKU 3-shake → 15 years and older

## Dosage and use

The daily amount of Milupa PKU 3-shake depends on age, body weight, protein requirements and individual metabolic condition. The dose of Milupa PKU 3-shake must be adjusted by the physician or dietician regularly.

The daily amount of Milupa PKU 3-shake required should be divided into 3 to 5 equal portions and can be taken together with calculated amounts of other food. The daily protein need can be covered by Milupa PKU 3-shake alone or in combination with Milupa PKU 3-advanta, Milupa PKU 3-tablets and Milupa PKU 3-activa.

Diets with Milupa PKU 3-shake must contain adequate amounts of energy, essential fatty acids and phenylalanine to meet daily requirements.

## Standard dilution

1 portion Milupa PKU 3-shake =  
1 sachet (50 g) + 100 ml drinking water

## Packaging

Milupa PKU 3-shake 500 g cardboard box (10 x 50g)  
(3 cardboard boxes per box)

PZN: 7292684



## Nutrition information

Average content		per 100 g	per portion <sup>1</sup>	Average content		per 100 g	per portion <sup>1</sup>	
<b>Energy</b>	kJ	1507	753	Manganese	mg	0.8	0.4	
	kcal	355	178	Chromium	µg	13	6.5	
<b>Protein</b>	g	42	21	Molybdenum	µg	19	10	
	<b>Amino Acids</b>	g	50.8	Selenium	µg	27	13	
of which				<b>Minerals</b>				
Cystine	g	1.1	0.57	Sodium	mg	<30	<15	
Histidine	g	1.1	0.57	Potassium	mg	765	382	
Isoleucine	g	2.8	1.42	Calcium	mg	825	412	
Leucine	g	4.7	2.37	Magnesium	mg	215	107	
Lysine	g	3.3	1.67	Phosphorus	mg	410	205	
Methionine	g	1.1	0.57	Chloride	mg	<30	<15	
Phenylalanine	g	0.04	0.02	Iron	mg	8	4	
Threonine	g	2.2	1.12	<b>Vitamins</b>				
Tryptophan	g	0.8	0.42	Vitamin A	µg	345	172	
Tyrosine	g	3.4	1.69	Vitamin D <sub>3</sub>	µg	3.6	1.8	
Valine	g	3.3	1.67	Vitamin E	mg	5.7	2.8	
Alanine	g	5.8	2.87	Vitamin K <sub>1</sub>	µg	37	18.5	
Arginine	g	2.5	1.23	Thiamine	mg	0.72	0.36	
Aspartic acid	g	5.4	2.7	Riboflavin	mg	0.78	0.39	
Glycine	g	3.9	1.97	Vitamin B <sub>6</sub>	mg	0.78	0.39	
Proline	g	5.4	2.66	Niacin	mg	9	4.5	
Serine	g	3.7	1.84	Biotin	µg	31	16	
Carnitine	mg	84	42	Folic acid	µg	129	64	
<b>Carbohydrates</b>	g	39.1	19.5	Vitamin B <sub>12</sub>	µg	1.8	0.9	
	<b>Fat</b>	g	3.3	1.6	Pantothenic acid	mg	3.2	1.6
<b>Trace elements</b>		Zinc	mg	9.3	4.6	Vitamin C	mg	39
	Copper	µg	305	152	Choline	mg	378	189
	Iodine	µg	138	69	Myo-Inositol	mg	186	93

\* Conversion: 1 g protein  
= 1,2 g Amino acids  
= 17 KJ = 4 Kcal

\* Standard dilution

## Ingredients

phe-free L-amino acid mixture, sucrose, maltodextrin, mineral and trace element mixture, starch, cocoa powder, vegetable oils, natural cocoa flavour, vanilla, emulsifier (citric acid esters of mono- and diglycerides of fatty acids), vitamin mixture, antioxidant ascorbylpalmitate