



A Medical Food for the dietary management of Homocystinuria in individuals over the age of 1 year.

- ✓ Low volume – 72.7 g protein in 100 g powder
- ✓ Methionine free
- ✓ Supplemented with vitamins, minerals, trace elements
- ✓ Sucrose free
- ✓ Simple, easy and affordable to use

Description:

comida-HCys is a concentrated amino acid mixture free from methionine. The amino acid profile provides a high quality protein (except for the amino acid methionine), ensuring optimal nutritional quality. comida-HCys is supplemented with vitamins, minerals and trace elements.

Indication:

For the dietary management of Homocystinuria - Vitamin B6 nonresponsive (due to Cystathionine β -Synthase Deficiency) in individuals over the age of 1 year.

Dosage and Use:

The daily amount of comida-HCys needed to meet daily protein requirements (other than methionine), depends on age, body weight and medical condition of the individual. The daily amount of comida-HCys is to be determined by a physician or dietitian specialized in metabolic disorders. Individual requirements of comida-HCys will need to be adjusted regularly to meet growth and nutrient needs.

The daily amount required should be divided into 3 to 5 single portions and should be taken mixed with calculated amounts of other food.

Diets with comida-HCys must contain adequate amounts of energy, essential fatty acids and methionine to meet daily requirements.

Warning:

- must be used under medical supervision
- for individuals with Homocystinuria only
- not suitable as a sole source of nutrition
- not suitable for parenteral use

HCys



comida-HCys

Ingredients

L-Lysine-L-Aspartate, L-Glutamine, L-Leucine, Potassium-L-Glutamate, L-Proline, L-Arginine-L-Aspartate, L-Serine, L-Valine, L-Isoleucine, L-Threonine, L-Lysine-L-Glutamate, Tri-Calcium Phosphate, L-Phenylalanine, L-Alanine, L-Tyrosine, L-Cystine, Glycine, L-Histidine, Di-Calcium Phosphate, L-Tryptophan, Magnesium Hydroxide Carbonate, Maltodextrin, Choline Bitartrate, Inositol, L-Carnitine-L-Tartrate, Vitamin C, Vanillin, Taurine, Ferrous Sulfate, Zinc Sulfate, DL-Alpha-Tocopheryl Acetate, Niacinamide, Calcium-D-Pantothenate, Manganese Sulfate, Copper Sulfate, Riboflavin, Thiamin Mononitrate, Pyridoxine Hydrochloride, Vitamin A Acetate, Sodium Fluoride, Sodium Molybdate, Potassium Iodide, Chromium-III-Chloride, Folic Acid, Sodium Selenite, Vitamin K, Biotin, Vitamin D₃, Vitamin B₁₂.

Composition

Nutrition Information		per 100 g
Energy	kJ	1245
	kcal	293
Protein equivalent *	g	72.7
Carbohydrates	g	0.5
of which maltodextrin	g	0.5
Fat	g	0
Amino acids	g	87.2
L-Alanine	g	3.9
L-Arginine	g	3.4
L-Aspartic acid	g	7.1
L-Cystine	g	3.4
L-Glutamic acid	g	6.9
L-Glutamine	g	7.7
Glycine	g	3.2
L-Histidine	g	2.3
L-Isoleucine	g	4.7
L-Leucine	g	7.1
L-Lysine	g	6.9
L-Methionine	g	0
L-Phenylalanine	g	4.0
L-Proline	g	6.4
L-Serine	g	5.2
L-Threonine	g	4.6
L-Tryptophan	g	1.8
L-Tyrosine	g	3.7
L-Valine	g	5.0
Taurine	mg	167
L-Carnitine	mg	167
* Conversion: 1 g protein = 1.2 g amino acids		

Minerals		per 100 g
Sodium	mg	< 1
Potassium	mg	1328
Chloride	mg	0
Calcium	mg	2285
Phosphorus	mg	1350
Magnesium	mg	365
Iron	mg	34
Trace elements		
Zinc	mg	23
Copper	mg	2.6
Iodine	µg	375
Chromium	µg	75
Fluoride	µg	450
Manganese	mg	5.3
Molybdenum	µg	203
Selenium	µg	90
Vitamins		
Vitamin A	mg	1.5
Vitamin D	µg	23
Vitamin E	mg	26
Vitamin K	µg	83
Vitamin C	mg	203
Vitamin B1	mg	2.5
Vitamin B2	mg	3.4
Niacin	mg	34
Vitamin B6	mg	2.3
Folic acid	µg	375
Pantothenic acid	mg	20
Vitamin B12	µg	4.5
Biotin	µg	75
Choline	mg	208
Inositol	mg	301