

COMIDA HCys B FORMULA



1 - 14 years

Food for Special Medical Purposes

For toddlers and children with Homocystinuria

- ü free from methionine
- ü supplemented with vitamins, minerals and trace elements
- ü provides energy from fat and carbohydrates
- ü in accordance with current recommendations
- ü is convenient and can be prepared easily (measuring scoop included)

DESCRIPTION:

comida-HCys B formula is an amino acid mixture free from methionine. Its amino acid profile is based to that of comida-HCys B ensuring supply of high quality protein. comida-HCys B formula is supplemented with vitamins, minerals and trace elements according to current international recommendations.

The source of carbohydrates is maltodextrin, the fat blend from vegetable oils contains the essential fatty acids linoleic acid and α -linolenic acid in accordance with international recommendations.

INDICATIONS:

comida-HCys B *formula* is to be used in the dietary treatment of toddlers and children over 1 year of age with Homocystinuria – vitamin B6 non-responsive (due to Cystathionine-b-Synthase deficiency).

RECOMMENDED USE:

The daily amount of comida-HCys B formula needed to supplement the daily protein requirements depends on age, body weight and individual tolerance for this amino acid. The dose of comida-HCys B formula is to be determined by a physician and must be adjusted regularly.

comida-HCys B formula should be fed in 3 – 5 doses during the day, preferably together with a natural protein source. comida-HCys B *formula* can also be used in combination with calculated amounts of comida-HCys B, especially in grown children with increasing protein requirements.

PREPARATION:

comida-HCys B formula can be prepared with warm or cold water in a glass, cup or shaker. Add measured amount of powder (2 scoops equal 15 g comida-HCys B formula in 90 ml water) and stir well – comida-HCys B formula is ready to drink!

Please monitor dental care, especially before bedtime!

IMPORTANT NOTICE:

- must be used under medical supervision
- not suitable as sole source of nutrition
- not to be used by individuals without Homocystinuria
- for toddlers and children over 1 year of age with Homocystinuria
- not suitable for parenteral use

PREPARATION TABLE:

drinking volume	water	comida-HCys B formula		protein content
		g	= number of scoops *	g protein-equivalent
50	45	7,5	1	2,3
100	90	15	2	4,7
200	180	30	4	9,3

* standard dilution: 15,0 g in 90 ml water

COMIDA HCys B FORMULA



INGREDIENTS:

Maltodextrin, Vegetable oils, L-Lysine-L-Aspartate, L-Glutamine, Potassium-L-Glutamate, L-Leucine, L-Proline, L-Arginine-L-Aspartate, L-Serine, L-Valine, L-Isoleucine, tri-Calcium phosphate, L-Tyrosine, L-Threonine, L-Lysine-L-Glutamate, L-Phenylalanine, L-Alanine, L-Cystine, Glycine, Emulsifier E 472c, di-Calcium phosphate, Choline bitartrate, L-Histidine, L-Tryptophan, Sodium chloride, Magnesium carbonate, Vitamins (A, D, E, K, C, B1, B2, Niacin, B6, Folic acid, Pantothenic acid, B12, Biotin), Inositol, L-Carnitine-L-Tartrate, Vanillin, Taurine, Iron-II-sulfate, Zinc sulfate, Potassium chloride, Manganese sulfate, Emulsifier lecithine, Antioxidants Tocopherol-rich extract and Ascorbyl palmitate, Copper sulfate, Sodium fluoride, Sodium molybdate, Potassium iodide, Chromium-III-chloride, Sodium selenite.

COMPOSITION:

Nutrition Facts		per 100 g	per 100 ml **
Energy			
	kJ	1766	265
	kcal	420	63
Protein equivalent**	g	31,1	4,7
Carbohydrates	g	39,7	6,0
Fat	g	15,0	2,3
of which			
- saturated	g	6,1	0,92
- monounsaturated	g	6,9	1,0
- polyunsaturated	g	2,0	0,3
- Linoleic acid	g	1,7	0,26
- α -Linolenic acid	g	0,28	0,04
Linoleic acid / α -Linolenic acid		6	6
Amino acid	g	37,3	5,6
L-Alanine	g	1,6	0,24
L-Arginine	g	1,4	0,21
L-Aspartic acid	g	2,9	0,44
L-Cystine	g	1,5	0,22
L-Glutamic acid	g	3,0	0,46
L-Glutamine	g	3,7	0,55
Glycine	g	1,3	0,19
L-Histidine	g	0,94	0,14
L-Isoleucine	g	1,9	0,29
L-Leucine	g	3,1	0,46
L-Lysine	g	2,8	0,42
L-Methionine	g	nil added	
L-Phenylalanine	g	1,7	0,26
L-Proline	g	2,7	0,41
L-Serine	g	2,1	0,32
L-Threonine	g	1,9	0,28
L-Tryptophan	g	0,81	0,12
L-Tyrosine	g	1,9	0,28
L-Valine	g	2,0	0,31
Taurine	mg	78	12
L-Carnitine	mg	78	12
* conversion: 1 g protein = 1,2 g amino acids = 17 kJ = 4 kcal			

Minerals		per 100 g	per 100 ml **
Sodium	mg	296	45
Potassium	mg	613	92
Chloride	mg	462	69
Calcium	mg	1040	156
Phosphorus	mg	613	92
Magnesium	mg	151	23
Iron	mg	15	2,2
Trace Elements			
Zinc	mg	9,3	1,4
Copper	mg	1,1	0,16
Iodine	μ g	156	23
Chromium	μ g	31	4,7
Fluoride	μ g	187	28
Manganese	mg	2,2	0,33
Molybdenum	μ g	83	12
Selenium	μ g	37	5,6
Vitamins			
Vitamin A	μ g	623	94
Vitamin D	μ g	9,3	1,4
Vitamin E	mg	11	1,6
Vitamin K	μ g	34	5,1
Vitamin C	mg	84	13
Vitamin B1	mg	1,0	0,15
Vitamin B2	mg	1,4	0,21
Niacin	mg	14	2,1
Vitamin B6	mg	0,94	0,14
Folic acid	μ g	156	23
Pantothenic acid	mg	8,3	1,2
Vitamin B12	μ g	1,9	0,28
Biotin	μ g	31	4,7
Choline	mg	404	61
Inositol	mg	140	21
** standard dilution: 15,0 g in 100 ml water			