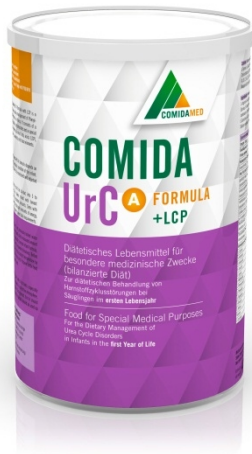


COMIDA UrC A FORMULA



0 – 1 year
Food for Special Medical Purposes
For infants with Urea Cycle disorders

- ü enriched with cystine and tyrosine
- ü contains lactose and LCP, supplemented with vitamins, minerals and trace elements
- ü is convenient and can be prepared easily (measuring scoop included)
- ü can easily be combined with breast milk or standard infant formula
- ü simple, easy and safe in use

DESCRIPTION

comida-UrC A formula is a special infant formula, based on an amino acid mixture enriched with cystine and tyrosine. Its amino acid profile is close to that of human milk protein, in addition it is enriched with cystine and tyrosine. The source of carbohydrates is mainly lactose (milk-sugar), the fat blend similar to breast milk contains long chain polyunsaturated fatty acids (LCP), mainly arachidonic acid und docosahexaenoic acid. These lipids are regarded as particularly important for the healthy development of newborns and young infants. The specific enrichment with vitamins, minerals and trace elements in comida-UrC A formula takes account of the special dietary requirements in the diet concerning the protein requirements for urea cycle disorders.

INDICATION

For dietary treatment of Urea Cycle disorders, such as Ornithine Transcarbamylase (OTC) deficiency, Carbamylphosphate Synthetase (CPS) deficiency, Argininosuccinic Acid Lyase (AL) deficiency, Citrullinemia, Arginase deficiency etc. in infancy.

DIRECTION OF USE

The daily amount of comida-UrC A formula needed to cover the daily requirements of essential amino acids, depends on age, body weight and individual protein tolerance of the infant. The dose of comida-UrC A formula is to be determined by a physician and must be adjusted regularly by monitoring plasma ammonia levels. The daily amount required should be divided into 3 to 5 single portions and should be taken mixed with calculated amounts of other food (e.g. breast milk, infant formula or baby food). Diets with comida-UrC A formula must contain adequate amounts of energy, essential fatty acids and protein to meet daily requirements.

PREPARATION

Preparation of a bottle-feed of comida-UrC A formula is as easy as with any infant formula: Just pour required amount of hot (50°C), previously boiled water into a feeding bottle, add the measured amount of comida-UrC A formula (scoop provided), close the bottle and shake well. Before feeding check the correct temperature.

Prepare bottle feed always fresh and discard unfinished feeds!
Please monitor dental care, especially before bedtime!

IMPORTANT NOTICE:

- must be used under medical supervision
- for infants with urea cycle disorders
- not suitable as sole source of nutrition
- not to be used by individuals without Urea Cycle disorders
- not suitable for parenteral use
- not to be used by individuals with lactose intolerance

PREPARATION TABLE:

drinking volume	water	comida-UrC A formula		protein content
		g	= number of scoops *	g protein-equivalent
35	30	4,3	1	0,32
100	90	13	3	1,0
200	180	26	6	1,9

* standard dilution: 13,0 g in 90 ml water

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INGREDIENTS:

Lactose, Vegetable oils, Maltodextrin, Starch, tri-Potassium citrate, L-Lysine hydrochloride, L-Leucine, tri-Calcium phosphate, L-Valine, L-Threonine, L-Isoleucine, Emulsifier E 472c, di-Calcium phosphate, L-Phenylalanine, L-Tyrosine, Sodium chloride, L-Histidine, L-Cystine, L-Tryptophan, L-Methionine, ARA-rich oil from Mortierella alpina, Magnesium carbonate, Choline bitartrate, Vitamins (A, D, E, K, C, B1, B2, Niacin, B6, Folic acid, Pantothenic acid, B12, Biotin), L-Carnitine-L-Tartrate, DHA-rich oil from the microalgae Schizochytrium sp., Inositol, Taurine, Iron-II-sulfate, Zinc sulfate, Emulsifier lecithine, Antioxidants Tocopherol-rich extract and Ascorbyl palmitate, Copper sulfate, Sodium fluoride, Manganese sulfate, Potassium iodide, Sodium selenite, Sodium molybdate, Chromium-III-chloride.

COMPOSITION:

Nutrition Facts	per 100 g	per 100 ml **
Energy		
	kJ	2059
	kcal	492
Protein equivalent**	g	7,4
Carbohydrates	g	57,7
of which - Lactose	g	29,7
- Maltodextrin	g	22,8
- Starch	g	5,2
Fat	g	25,3
of which - saturated	g	9,5
- monounsaturated	g	11,9
- polyunsaturated	g	3,9
- Linoleic acid	g	3,2
- α -Linolenic acid	g	0,51
Linoleic acid / α -Linolenic acid	g	6,3
- Arachidonic acid	mg	106
- Docosahexaenic acid	mg	60
Amino acid	g	8,9
L-Alanine	g	nil added
L-Arginine	g	nil added
L-Aspartic acid	g	nil added
L-Cystine	g	0,43
L-Glutamic acid	g	0,06
L-Glutamine	g	nil added
Glycine	g	nil added
L-Histidine	g	0,44
L-Isoleucine	g	0,90
L-Leucine	g	1,5
L-Lysine	g	1,3
L-Methionine	g	0,38
L-Phenylalanine	g	0,81
L-Proline	g	nil added
L-Serine	g	nil added
L-Threonine	g	0,97
L-Tryptophan	g	0,13
L-Tyrosine	g	0,39
L-Valine	g	0,72
Taurine	mg	1,1
L-Carnitine	mg	33
	mg	120
	mg	16
* conversion: 1 g protein = 1,2 g amino acids = 17 kJ = 4 kcal		

Minerals	per 100 g	per 100 ml **
Sodium	mg	231
Potassium	mg	660
Chloride	mg	672
Calcium	mg	655
Phosphorus	mg	399
Magnesium	mg	60,5
Iron	mg	9,9
Trace Elements		
Zinc	mg	9,1
Copper	mg	1,1
Iodine	μ g	77,6
Chromium	μ g	9,2
Fluoride	μ g	157
Manganese	mg	0,44
Molybdenum	μ g	23
Selenium	μ g	20
Vitamins		
Vitamin A	μ g	1560
Vitamin D	μ g	19
Vitamin E	mg	18
Vitamin K	μ g	43
Vitamin C	mg	155
Vitamin B1	mg	0,82
Vitamin B2	mg	1,8
Niacin	mg	10,4
Vitamin B6	mg	0,98
Folic acid	μ g	123
Pantothenic acid	mg	7,0
Vitamin B12	μ g	2,3
Biotin	μ g	23
Choline	mg	80
Inositol	mg	68
	mg	8,8
** standard dilution: 13,0 g in 90 ml water		