

OAc



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## comida-OAc

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A Medical Food for the dietary management of propionic acidemia or vitamin B<sub>12</sub> non-responsive methylmalonic acidemia in individuals over the age of 1 year.

- ✓ Low volume – 63.2 g protein in 100 g powder
  - ✓ Isoleucine, methionine, threonine and valine free
  - ✓ Supplemented with vitamins, minerals, trace elements
  - ✓ Sucrose free
  - ✓ Simple, easy and affordable to use
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### Description:

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

### Indication:

For the dietary management of propionic acidemia or vitamin B<sub>12</sub> non-responsive methylmalonic acidemia in individuals over the age of 1 year.

### Dosage and Use:

The daily amount of comida-OAc needed to meet daily protein requirements (other than isoleucine, methionine, threonine and valine), depends on age, body weight and medical condition of the individual. The daily amount of comida-OAc is to be determined by a physician or dietitian specialized in metabolic disorders. Individual requirements of comida-OAc 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-OAc must contain adequate amounts of energy, essential fatty acids and isoleucine, methionine, threonine and valine to meet daily requirements.

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### Warning:

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

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### Ingredients

L-Lysine-L-Glutamate, Maltodextrin, L-Proline, L-Glutamine, L-Leucine, Potassium-L-Glutamate, L-Arginine-L-Aspartate, L-Serine, L-Lysine-L-Aspartate, L-Alanine, L-Phenylalanine, Tri-Calcium Phosphate, L-Tyrosine, Magnesium-L-Aspartate, L-Cystine, L-Histidine, Di-Calcium Phosphate, Choline Bitartrate, L-Tryptophan, Glycine, Sodium Chloride, Magnesium Hydroxide Carbonate, Inositol, L-Carnitine-L-Tartrate, Vitamin C, Taurine, Vanillin, 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 facts		per 100 g
Energy	kJ	1231
	kcal	290
Protein equivalent *	g	63.2
Carbohydrates	g	9.2
of which maltodextrin	g	9.2
Fat	g	0
Amino acids	g	75.9
L-Alanine	g	4.1
L-Arginine	g	3.7
L-Aspartic acid	g	7.1
L-Cystine	g	2.3
L-Glutamic acid	g	9.1
L-Glutamine	g	8.1
Glycine	g	1.7
L-Histidine	g	2.3
L-Isoleucine	g	0
L-Leucine	g	7.6
L-Lysine	g	6.9
L-Methionine	g	0
L-Phenylalanine	g	4.0
L-Proline	g	8.5
L-Serine	g	5.1
L-Threonine	g	0
L-Tryptophan	g	1.8
L-Tyrosine	g	3.7
L-Valine	g	0
Taurine	mg	158
L-Carnitine	mg	158
* Conversion: 1 g protein = 1,2 g amino acids		

Minerals		per 100 g
Sodium	mg	566
Potassium	mg	1277
Chloride	mg	873
Calcium	mg	2099
Phosphorus	mg	1240
Magnesium	mg	307
Iron	mg	29
Trace elements		
Zinc	mg	19
Copper	mg	2.2
Iodine	µg	316
Chromium	µg	63
Fluoride	µg	379
Manganese	mg	4.4
Molybdenum	µg	171
Selenium	µg	76
Vitamins		
Vitamin A	mg	1.3
Vitamin D	µg	19.0
Vitamin E	mg	22.1
Vitamin K	µg	70
Vitamin C	mg	171
Vitamin B1	mg	2.1
Vitamin B2	mg	2.9
Niacin	mg	29
Vitamin B6	mg	1.9
Folic acid	µg	316
Pantothenic acid	mg	16.8
Vitamin B12	µg	3.8
Biotin	µg	63.2
Choline	mg	822
Inositol	mg	285