



A Medical Food for the dietary management of Glutaric Aciduria Type I in individuals over the age of 1 year.

- ✓ Low volume – 71.5 g protein in 100 g powder
  - ✓ Lysine free, low in tryptophan
  - ✓ Supplemented with vitamins, minerals, trace elements
  - ✓ Sucrose free
  - ✓ Supplemented with carnitine
  - ✓ Simple, easy and affordable to use
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#### Description:

comida-GAc is a concentrated amino acid mixture free from lysine and is low in tryptophan. The amino acid profile provides a high quality protein (except for the amino acids mentioned), ensuring optimal nutritional quality. comida-GAc is supplemented with vitamins, minerals, trace elements and L-Carnitine.

#### Indication:

For the dietary management of Glutaric Aciduria Type I (Glutaryl-CoA dehydrogenase deficiency) in individuals over the age of 1 year.

#### Dosage and Use:

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

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#### Warning:

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

# GAc



## comida-GAc

### Ingredients

L-Glutamine, L-Proline, L-Leucine, Potassium-L-Glutamate, L-Arginine-L-Aspartate, L-Serine, L-Valine, L-Isoleucine, L-Threonine, Magnesium-L-Aspartate, Tri-Calcium Phosphate, L-Phenylalanine, L-Alanine, L-Tyrosine, Glycine, L-Cystine, L-Histidine, Di-Calcium Phosphate, Choline Bitartrate, L-Methionine, L-Glutamin Acid, Maltodextrin, L-Tryptophan, Inositol, L-Carnitine-L-Tartrate, Vitamin C, Taurine, Ferrous Sulfate, Vanillin, 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 D<sub>3</sub>, Vitamin B<sub>12</sub>.

### Composition

Nutrition Information		per 100 g
Energy	kJ	1230
	kcal	290
Protein equivalent *	g	71.5
Carbohydrates	g	0.8
	of which maltodextrin	g
Fat	g	0
Amino acids	g	85.8
L-Alanine	g	4.2
L-Arginine	g	3.7
L-Aspartic acid	g	6.6
L-Cystine	g	2.4
L-Glutamic acid	g	6.4
L-Glutamine	g	10.7
Glycine	g	3.0
L-Histidine	g	2.4
L-Isoleucine	g	5.0
L-Leucine	g	7.6
L-Lysine	g	0
L-Methionine	g	1.7
L-Phenylalanine	g	4.3
L-Proline	g	7.7
L-Serine	g	5.5
L-Threonine	g	4.9
L-Tryptophan	g	0,4
L-Tyrosine	g	4.0
L-Valine	g	5.3
Taurine	mg	179
L-Carnitine	mg	1 79
* Conversion: 1 g protein = 1.2 g amino acids		

Minerals		per 100 g
Sodium	mg	< 1
Potassium	mg	1445
Chloride	mg	< 1
Calcium	mg	2377
Phosphorus	mg	1404
Magnesium	mg	348
Iron	mg	32
Trace elements		
Zinc	mg	21.5
Copper	mg	2.5
Iodine	µg	358
Chromium	µg	72
Fluoride	µg	429
Manganese	mg	5.0
Molybdenum	µg	193
Selenium	µg	86
Vitamins		
Vitamin A	mg	1.4
Vitamin D	µg	22
Vitamin E	mg	25
Vitamin K	µg	79
Vitamin C	mg	193
Vitamin B1	mg	2.4
Vitamin B2	mg	3.2
Niacin	mg	32
Vitamin B6	mg	2.1
Folic acid	µg	358
Pantothenic acid	mg	19
Vitamin B12	µg	4.3
Biotin	µg	72
Choline	mg	930
Inositol	mg	322