

HCU gel™

Description

A food for special medical purposes.

HCU gel™ is an unflavoured powdered methionine free protein substitute containing essential and non-essential amino acids, carbohydrate, vitamins, minerals and trace elements.

Indications

HCU gel is for use in the dietary management of Homocystinuria (HCU) from 6 months to 10 years of age.

Dosage and Administration

To be determined by the clinician or dietitian and is dependent on the age, body weight and medical condition of the patient.

The product can be used individually or interchanged to meet individual protein requirements.

1. The daily protein substitute requirement is given as HCU gel.
2. Additional protein is provided from exchanges of natural protein, to provide restricted amino acids in controlled amounts, which is essential for growth and development.
3. Foods high in carbohydrate and fat, but low in protein, should be provided to supply the remainder of the energy.

HCU gel (24g) = 10g PE

Preparation Guidelines

HCU gel can be either taken as a gel or a low volume drink.

For gel:



Empty the contents of the sachet into the beaker.



Add approximately 30ml of cold water. Secure the lid and shake well for 10 seconds.



Leave to stand for 2 minutes, allowing a smooth gel to form. Consume with a spoon.

For a low volume drink:



Empty the contents of the sachet into the beaker.



Add approximately 80ml (half way up the beaker) of cold water. Secure the lid and shake well for 10 seconds.



Drink immediately.

Water or permitted drinks should be taken after HCU gel.

IMPORTANT NOTICE

Must only be given to people with proven HCU under strict medical supervision.

Suitable from 6 months to 10 years of age.

Diet must be supplemented with natural protein, water and other nutrients in prescribed quantities to supply methionine, fluid and general requirements.

Not for use as a sole source of nutrition.

For enteral use only.

Nutritional Information

		Per 100g	Per HCU gel 24g sachet			Per 100g	Per HCU gel 24g sachet
Energy	kJ	1440	346	Sodium	mg	379	91
	kcal	339	81			mmol	16.3
Fat	g	0.05	0.02	Chloride	mg	583	140
	of which saturates	g	0.0			mmol	16.3
Carbohydrate	g	42.9	10.3	Potassium	mg	938	225
	of which sugars	g	27.1			mmol	23.5
Protein equivalent	g	41.7	10	Calcium	mg	1083	260
L-Methionine	g	0	0			mmol	27.1
Salt	g	0.95	0.23	Phosphorus	mg	825	198
					mmol	26.4	6.3
Vitamins and minerals				Magnesium	mg	167	40
Vitamin A (RE)	µg	600	144			mmol	6.8
Vitamin D	µg	14.6	3.5	Iron	mg	14	3.4
Vitamin E (αTE)	mg	9.0	2.2		Zinc	mg	11
Vitamin K	µg	41	9.8	Copper	mg	0.80	0.19
Vitamin C	mg	63	15	Iodine	µg	138	33.1
Thiamin	mg	1.0	0.24	Selenium	µg	35	8.4
Riboflavin	mg	1.2	0.29	Manganese	mg	1.7	0.41
Vitamin B6	mg	1.1	0.26	Chromium	µg	71	17
Niacin	mg (mg NE)	14 (31.8)	3.4 (7.7)	Molybdenum	µg	50	12
Folic acid	µg	208	50	Others			
Vitamin B12	µg	2.0	0.48	Choline	mg	279	67
Pantothenic Acid	mg	5.0	1.2				
Biotin	µg	25	6.0				

Nutritional Information

	Per 100g	Per HCU gel 24g sachet		Per 100g	Per HCU gel 24g sachet		
Amino acids			L-Phenylalanine	g	2.48	0.60	
L-Alanine	g	2.05	0.49	L-Proline	g	3.13	0.75
L-Arginine	g	3.41	0.82	L-Serine	g	2.40	0.58
L-Aspartic Acid	g	4.56	1.09	L-Threonine	g	2.44	0.59
L-Cystine	g	1.37	0.33	L-Tryptophan	g	1.07	0.26
L-Glutamine	g	4.02	0.96	L-Tyrosine	g	2.46	0.59
Glycine	g	3.00	0.72	L-Valine	g	3.53	0.85
L-Histidine	g	2.14	0.51	L-Carnitine	mg	46	11
L-Isoleucine	g	3.21	0.77	Taurine	mg	92	22
L-Leucine	g	5.57	1.34				
L-Lysine	g	3.59	0.86				
				Osmolality:			
				24g + 30ml = 3000mOsm/kg			
				24g + 80ml = 1540mOsm/kg			

Pack Size/Weight

30 x 24g e sachets = 720g

Flavours

Unflavoured.

Storage

Store in a cool dry place.

Sachets designed for single use and should be used immediately once opened.

Any unused powder in an open sachet should be kept in an airtight container or sealed with a clipper and used within 24 hours.

