



**FRESENIUS
KABI**

caring for life



Glutamine Plus

The power to reconstitute

Oral nutritional supplement high in glutamine, antioxidative vitamins and trace elements. Specially formulated for people pre- and post- surgery, burns, trauma or with impaired wound healing



High in glutamine to cover increased needs and to maintain gut functions^{1,2}



High-dose antioxidants to alleviate oxidative stress^{3,4} and help to protect tissue damage



Single dose powder sachets for hygienic and convenient handling

For Healthcare Professionals only.

Glutamine Plus

22.4g sachets x 30

Nutritional Information

Average content		per 22.4 g sachet	per 100 g powder
Energy value			
	kJ (kcal)	340 (80)	1500 (360)
Fat	g	0	0
of which saturated fatty acids	g	0	0
Carbohydrate	g	9.6	42.7
of which sugars	g	2.66	11.9
of which lactose	g	0	0
Fibre	g	1.2	5.4
Protein	g	0	0
Glutamine	g	10	44.8
Salt (Na x 2.5)	g	<0.03	<0.13
Osmolarity^o	mosmol/l	330	
Trace elements			
Zinc	mg	3.4	15
Selenium	µg	50	220
Vitamins			
β-carotene	mg	1.7	7.4
Vitamin E	mg α-TE ^{oo}	83	370
Vitamin C	mg	250	1100

^o1 sachet (22.4 g) + 200 ml water, ^{oo}alpha-tocopherol equivalents (α-TE)

Prescribing Information

Food for special medical purposes:

Oral nutritional supplement powder to be reconstituted with water. High in glutamine and antioxidants (vitamins C and E, beta-carotene, zinc, selenium), lactose free and gluten free. Orange flavour: With sweetener. For the dietary management of patients in need of high glutamine and antioxidants due to surgery, burns or trauma.

Dosage: To be determined by a healthcare professional according to patients' needs. For supplementation: 1 sachet, 2-3 times per day, ≥ 5 days.

Important notes: To be used under medical supervision. Not suitable as sole source of nutrition. Not suitable for children < 10 years. Ensure adequate fluid intake.

Handling and storage: Store dry and at room temperature. Once prepared, refrigerate and use within 24 hours.

Contraindications:

- Not suitable where enteral nutrition is not permitted, such as in gut atonia, ileus and others.
- Not suitable for patients with severe liver or kidney insufficiency, severe forms of maldigestion and malabsorption.
- Not suitable for patients with inborn errors of metabolism of nutrients contained in Glutamine Plus.

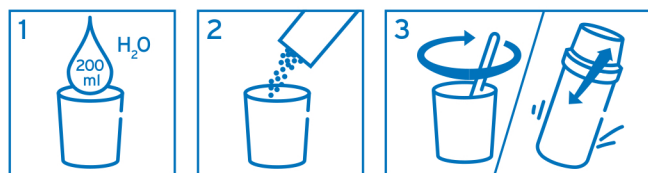
Ingredients

L-glutamine, starch, orange juice concentrate, maltodextrin, stabilizer (E 414), flavouring, vitamin C, vitamin E, sweetener (sodium saccharin), zinc sulphate, β-carotene, sodium selenate.

Flavour

Orange

Glutamine Plus Orange is recommended to be mixed preferably with water.



1 Pour 200 ml of preferably cool water into a clean container or shaker.

2 Add content of one sachet.

3 Mix thoroughly using a shaker or a spoon. Stir again after one minute.



Once prepared, the product should be refrigerated and used within 24 hours.

References

1. Garcia-de-Lorenzo A et al. Nutrition 2003; 19: 805-811
2. Quan ZF, Chong Y Ning L et al. World J Gastroenterol 2004; 10(13): 1992-1994
3. Aghdassi E et al. Am J Gastroenterol 2003; 98: 348-353
4. Roggenbuck CR et al. Europ e-J Clin Nutr Metab 2006; 1: 176-177.

Further information is available from company upon request. For healthcare professionals only.