

ISOLution™



ISOLution™ is a neutral whey protein isolate that contains no fillers, sweeteners, or artificial flavours.

THE HEALING AND AGED NEED HIGHER PROTEIN INTAKE

Elevated protein intake (up to 1.7 g/kg BW/day) is recommended for older adults and the sick to combat age-related loss of muscle mass and strength (1,7).

Muscle mass and strength allows for earlier ambulation. Research shows that leucine content is highly influential to protein synthesis (2).

HOW DOES ISOLution™ MEET PROTEIN REQUIREMENTS?

Compliance: ISOLution™ has neutral taste and consistency which does not alter flavour or texture of foods and drinks. ISOLution™ promotes increased compliance with no “after-taste” or grittiness and is mixed easily in various liquids/foods.

Purity: ISOLution™ is 93% pure, has a DIAAS of 1.09 and has 16X less lactose than the leading brand.

Per Meal Intake: Protein intake should be recommended on a “per meal” basis, as there is a limit to what can be used for muscle protein synthesis at one time. Dietary plans should include 25-30 g of high quality protein per meal (3).

Leucine: Leucine has been shown to enhance the anabolic effect of protein. ISOLution™ has 34% higher concentration of leucine than the leading brand (2).

Nutrition Facts

Per 1 container (10 g)

		% Daily Value*
Calories	40	
Fat 0 g		0 %
Saturated 0 g + Trans 0 g		0 %
Carbohydrate 0 g		
Fibre 0 g		0 %
Sugars 0 g		0 %
Protein 10 g		
Cholesterol 0 mg		
Sodium 60 mg		3 %
Potassium 0 mg		0 %
Calcium 0 mg		0 %
Iron 0 mg		0 %

*5% or less is a little, 15% or more is a lot



99% pure “instantized” whey protein isolate delivers best in class 93% pure protein.

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Studies show that protein intake is indication specific and based on gram per kilogram of body weight per day (g/kg BW/day):

	Body Weight (lb)					
	Max. Protein intake g/Kg BW/day	80	110	140	170	200
Elderly	1.3	47.2 g	64.9 g	82.6 g	100.2 g	117.9 g
Pressure Ulcer Surgery (Elderly)	1.5	54.4 g	74.8 g	95.3 g	115.7 g	136.1 g
Frailty	1.5	54.4 g	74.8 g	95.3 g	115.7 g	136.1 g
Hip Fracture Surgery (Elderly)	1.5	54.4 g	74.8 g	95.3 g	115.7 g	136.1 g
Cardiac Disease Patient	1.5	54.4 g	74.8 g	95.3 g	115.7 g	136.1 g
Osteoporosis (Elderly)	1.6	54.4 g	79.8 g	101.6 g	123.4 g	141.1 g
Cancer Cachexia	1.7	61.7 g	84.9 g	108.0 g	131.1 g	154.2 g
Hospitalized Elderly	1.7	61.7 g	84.8 g	108.0 g	131.1 g	154.2 g
ICU Patient (Elderly)	2	72.6 g	99.8 g	127.0 g	154.2 g	181.4 g

Evolving evidence supports the concept that lean body mass can be better maintained if an older person consumes dietary protein at a level higher than the general RDA. 21 Recent research results also suggest other specific nutritional strategies to promote protein absorption and its efficient use in older people; such strategies deal with protein source, timing of intake, and specific amino acid content or supplementation. (7)

 Stir one serving into at least 1/2 cup (125 mL) of liquid or soft foods or as directed. For best results with liquids: mix with a small amount of the liquid to make a smooth paste, then gradually add the remaining liquid while stirring (wpi denatures at 65 degrees celsius).

Tube Feeding: Mix one to three servings of ISolution™ into 60-120 mL of water. Stir until completely dissolved. Infuse via syringe down feeding tube. Flush tube with 30-60 mL of water before and after administration. Can be mixed with enteral formula.

Ingredients: whey protein isolate, sunflower lecithin.

Not a significant source of saturated fat, trans fat, cholesterol, fibre, sugars, vitamin a, vitamin c, or iron.



Clinical studies were conducted with similar nutrient profiles as ISolution™

SOURCES

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Enhanced
Medical
Nutrition

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