Healthy weight

It's not about quantity, it's about quality



Healthy weight market opportunity



52% of adults worldwide aged 18 and over had an unhealthy weight in 2014 – **39%** were overweight, and **13%** were obese

Many consumers clearly want to achieve and maintain a **healthy weight**, as the **weight management** category is the second largest food and beverage health segment, after general wellbeing. The segment was worth **US\$149,000Mn** in 2014 globally²





Consumers are well aware of the **benefits of whey proteins** to help them to accomplish a healthy weight ³



Protein plays an important role in weight management



Whey proteins speed up metabolism and burn more calories naturally



Whey proteins keep you from feeling hungry between meals

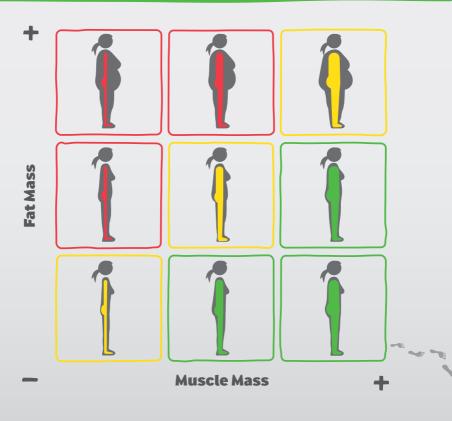


Whey proteins help you burn fat and lose weight

CONSUMER CHECK LIST FOR A HEALTHY WEIGHT PRODUCT



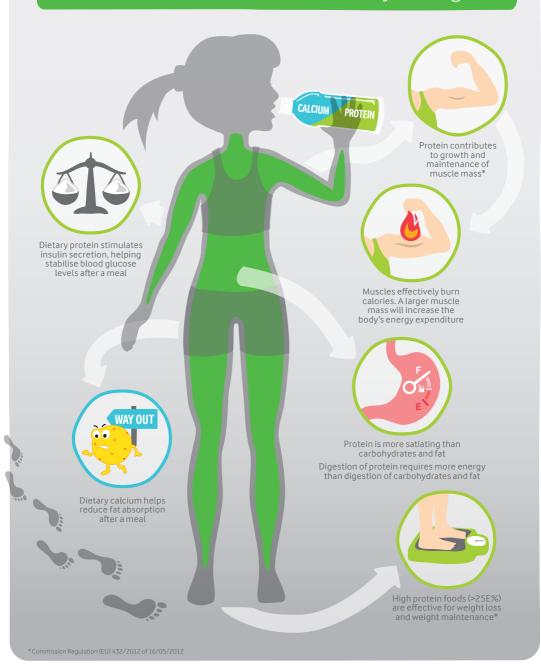
Healthy weight means healthy **body composition**



A healthy body composition refers to the right balance between fat and fat-free masses (mainly muscle). It is important for achieving optimal body functioning, mobility, vitality and quality of life. Individuals with an unhealthy body composition may suffer from health risks such as type 2 diabetes, metabolic syndrome, cardiovascular diseases and sarcopenia

Nutrition is a powerful tool for modulating body composition, whether the target is to increase muscles or reduce fat

Benefits of a high **protein** and **calcium** diet for a healthy weight



Arla Foods Ingredients for natural, tasty and effective

healthy weight solutions



Natural Milk & Whey Proteins

Natural Milk Minerals

Lacprodan® whey range

- Wide range of high quality whey proteins
- Concentrates (WPC), isolates (WPI) and hydrolysates (WPH)
- Suitable for use in a wide range of high protein food applications

Nutrilac® milk proteins

- Optimized for formulating high protein bars and snacks
- Optimal taste, texture & softness over long shelf life

Capolac®

- Natural milk mineral concentrate containing calcium, phosphorus and zinc
 in a composition similar to bone and teeth
- High content of milk calcium >24%
- Ideal for formulating a wide range of natural calcium enriched foods
- Clear in solution at pH below 4

Advantages of whey proteins

High content of essential amino acids (EAA) provides building blocks for muscles

High content of **leucine** directly stimulates muscle protein synthesis

Optimal digestion and absorption ensure rapid delivery of EAA to muscle tissue



Maintain/increase muscle mass

Stimulates muscle protein synthesis better than other protein sources^{5,6}



Healthy weight loss

Helps reduce waist size and fat mass while preserving lean body mass⁷⁻¹⁰



Increases plasma insulin levels acutely after a meal, helping stabilise blood glucose 5,11

Long term intake lowers fasting insulin and reduces insulin resistance 12

Increases fat oxidation

Induces a higher energy expenditure after a meal compared to other proteins: 13





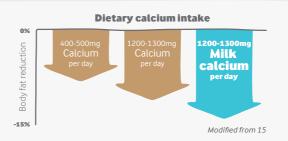






Advantages of milk calcium

During weight loss, increased intake of calcium – from milk in particular – reduces fat mass and percentage, body mass and waist circumference, while muscle mass is increased 14-16





Dairy calcium **interferes with fat absorption** in the intestine,
thereby reducing the digestible
energy of the diet

Furthermore, high calcium intake **increases fat oxidation**, reducing the amount available for body fat storage ¹⁷

Increased intake of milk calcium increases faecal excretion of fat 18



Why choose

Arla Foods Ingredients?

A world leader in natural whey solutions

R&D in our DNA

Superior quality by design

Your trusted business partner

Arla Foods Ingredients Group P/S

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www.facebook.com/ArlaFoods

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