

Flexagen



food supplement

HEALTHY JOINTS

Flexagen™ is an innovative composition of two forms of collagen: native, type II and collagen hydrolysate, enriched with a complex of minerals: calcium and phosphorus (Calci-K™, Albion®), manganese and copper in the form of amino acid chelates Albion®, magnesium and vitamins: C, B6.

What is collagen and what is it responsible for in our body?

Collagen is a specific group of proteins (the so called collagen proteins), which makes up about 25% of all proteins in our body. To date about 20 different types of collagens occurring in the human body have been described. Regardless of the type, all collagens contain bigger or smaller fragments of triple helix, created by twisted chains of repeating sequences of amino acid residues (glycine, proline and hydroxyproline). Such a structure is a characteristic property of all collagen proteins. Various tissue structures include collagen proteins (i.e. skin, cartilage tissue, bone tissue, ligaments, venous endothelium), which stabilise them and effect specific properties.

Flexagen™ is the only specimen on the market which contains 2 collagen forms: native collagen type II and collagen hydrolysate additionally enriched with vitamins: C, B6 and as many as 5 minerals: calcium, phosphorus, magnesium, manganese and copper.

CALCIUM AND PHOSPHORUS:

Calcium is needed for the maintenance of normal bones

Phosphorus contributes to the maintenance of normal bones

intake of calcium is important for bone mass. The higher peak bone mass, the slower the loss of calcium from the bones in old age

99% of the current calcium in the human body is stored in conjunction with the phosphorus in the bone tissue, 1% is in stored the other tissues

MANGANESE AND COPPER:

Manganese and Copper contributes to the protection of cells from oxidative stress

Manganese contributes to the normal formation of connective tissue

Copper contributes to maintenance of normal connective tissues

MAGNESIUM:

Magnesium contributes to normal protein synthesis

Magnesium contributes to the maintenance of normal bones

VITAMIN C:

Vitamin C contributes to normal collagen formation for the normal function of bones and cartilage

Composition

Sample Labs