As the population ages, bone and joint health becomes a key concern. Often consumers turn to natural ingredients to alleviate symptoms and manage stress on bones and joints. WILD offers an array of stable ingredients focused on bone and joint health that are applicable for a wide range of great tasting foods, beverages, and supplements.

WILD’s H.I.T.S. – Health Ingredient Technology & Solutions® products allow food, beverage, and supplement makers to market healthy products to customers without compromising taste or flavor.
WILD Flavors, Inc. offers H.I.T.S. – Health Ingredient Technology & Solutions®, a line of health ingredients and product concepts that address the latest consumer health concerns while continuing to provide great taste.

Methylsulfonyl Methane (MSM)
MSM is a naturally occurring sulfur compound, and sulfur is an important component for the maintenance of collagen (connective tissue). It helps maintain joint flexibility.

Hyaluronic Acid
Hyaluronic Acid (HA) occurs naturally in the body. The highest concentration is found in the soft connective tissue. It is present in cartilage, synovial joint fluid and skin tissue. It is essential for preservation of synovial fluid, which maintains bones and joints. HA also works to hydrate the skin from the inside out.

Boswellia Serrata
Boswellia Serrata has been used for thousands of years as a natural anti-inflammatory. Studies have shown boswellic acids contained within the herb can block the formation of leukotrienes, the immune cells responsible for inflammation. Boswellic acids have been shown to help control the inflammatory response in several ways. Purposed methods are deterring inflammatory white cells from infiltrating damaged tissue and improving blood flow to the joints.

Glucosamine
Glucosamine is found in cartilage and plays an important role in its health and resiliency. As we age, we lose glucosamine in cartilage. The thinning of cartilage may lead to the onset and progression of osteoarthritis. Studies show that glucosamine helps alleviate minor aches and pains associated with daily life. Some studies suggest that glucosamine and chondroitin sulfate should be used together.

Chondroitin Sulfate
Chondroitin Sulfate is an important structural component of cartilage and provides resistance to compression. Loss of chondroitin sulfate from cartilage is believed to be a major cause of osteoarthritis. Studies show that chondroitin has significant benefits in terms of alleviating pain associated with exercise. Some studies suggest using chondroitin in conjunction with glucosamine.

Collagen Hydrolysate
Collagen makes up approximately 30% of the body’s total protein. It is found in connective tissue and is essential for the healthy growth and development of muscles, tendons and bones. As we age, collagen in our bodies decreases. Collagen also is used for skin health to maintain proper elasticity.

Horsetail Extract
Horsetail Extract is naturally rich in readily absorbable silica. Studies have shown silica’s primary function is to develop and maintain proper connective tissue and bone health. Silica also helps the body store more calcium. Horsetail Extract helps promote proper joint function.

Olive Polyphenols
Olives contain a large amount of polyphenolic compounds. One of the main polyphenols found in olives is hydroxytyrosol. Hydroxytyrosol is believed to have the highest free radical scavenging capacity of any antioxidant. Recent studies have shown olives may promote joint function and mobility.

Grapeseed Extract
Grapeseed Extract may help promote tissue elasticity and may be beneficial in helping to restore collagen.

Vitamins D3 and K2
Vitamin D3 is essential for calcium absorption in the body. Studies have shown that Vitamin K2 can increase bone density and reduce the risk of fractures.

Bone and Joint Health Ingredients

Known throughout the food and beverage industry for innovative concepts and solutions, WILD Flavors, Inc. offers a variety of health ingredients to increase your portfolio of great tasting, better for you products. Contact WILD to learn more about our health ingredient solutions!