

Defy your age

Health benefit solutions

Healthy aging

- Aging affects everyone.
- Healthy aging is all about:
 - Keeping the body running smoothly
 - Maintaining mental performance
 - Staying active to get the most out of life
- The worldwide boom in the number of older people means that healthy aging products will enjoy increasing popularity
- Supplying the right mix of micronutrients supports healthy aging
- Omega-3 maintains heart health in the aging consumer
- The all-natural rosehip extract i-flex[®] soothes achy joints in seniors
- Anti-oxidants help reduce oxidative stress, which is associated with aging
- resVida[®] 99% trans-resveratrol is a promising new healthy aging ingredient

Healthy aging products can make a significant contribution to the quality of life of seniors

Nutrients for healthy and graceful aging

Vitamins

Quali[®]-A
Quali[®]-B (B6, B12, Folate)
Quali[®]-C
Quali[®]-D
Quali[®]-E

Carotenoids

Quali[®]-Carotene
FloraGLO[®]

Minerals

Iron
Calcium

Nutraceuticals

resVida[®]
i-flex[®]

Nutritional lipids

ROPUFA[®]/life'sDHA[™] omega-3

FloraGLO[®] is a trademark of Kemin Industries, Inc.



How can we *Health* you?

Everyone ages as time goes by. Our lifestyle influences how quickly we age and how we deal with becoming older. Healthy aging focuses on adding life to the years, no matter how old you are.

DSM's broad portfolio of innovative, high-quality and safe nutrients, combined with our consumer insights, market knowledge and application expertise, can help your healthy aging positioned products attract more consumers.

We are the only integrated premix, vitamin and nutraceutical manufacturer capable of creating and delivering tailor-made formulations to you anywhere. Blend in our extensive scientific expertise, technical know-how, global presence and total quality assurance for your peace-of-mind.



Via our global network of blend facilities we create value-adding nutrient combinations custom-made for you. Our Quali[®]-Blends can offer the right balance of ingredients supporting healthy aging.

DSM can help you get to market faster with healthy aging solutions that work.

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Keeping the body running smoothly

Healthy aging involves both supporting important functions in the body and reducing the risk of age-related illnesses. It is common to find nutritional inadequacies among the elderly populations due to reduction of food intake and reduced absorption due to an aging digestive tract. Multivitamins help combat age-related nutritional deficiencies.

Heart of the matter

Keeping a healthy cardiovascular system is important in aging. Omega-3 polyunsaturated fatty acids are widely recommended to keep the heart and blood vessels in good conditions. B vitamins can reduce homocysteine levels, one of the risk factors for cardiovascular disease. Coenzyme Q10, the active ingredient in DSM's All-Q®, contributes to heart health and a healthy blood pressure level.

The secret to living longer?

An exciting area of anti-aging research is focused on calorie restriction, a possible way to extend the natural lifespan. Even though the mechanisms are still under investigation, it appears that some substances, like resveratrol in resVida®, may offer a promise of beneficial effects on long term health, particularly heart health. Encouraging early studies show that this antioxidant may provide some of the anti-aging effects of calorie restriction.

Maintaining Mobility

Staying mobile is very important to quality of life as one ages. Mobility affects how easily we can move around, conducting daily activities like visiting the supermarket, doing housework, and even enjoying sport and play-time with the youngsters in the family.

Vitamin D may help preserve mobility. It is a key nutrient that can reduce the risk of osteoporosis, a bone disease that can be paralyzing. Recent studies show that vitamin D also reduces falling and chance of fractures, because it can increase muscle strength.

i-flex™ is DSM's proprietary rosehip derived product which has been proven to help soothe joints and improve overall mobility among people with rheumatoid arthritis. It was shown to improve the quality of life in as little as three weeks!

The above information is based on scientific studies, and a list of the latest references is available on request.



For DSM, quality is a way of life.
This is the core of Quality for Life™: a seal of excellence for our products.

Quality for Life™ is the mark of quality, reliability and traceability. It means that DSM customers are getting the best nutrition & health ingredients, knowing the source on which they depend. Quality for Life™ means sustainability. It symbolizes our commitment to our environment, consumers, our business partners, our people and the regulatory framework that governs our operations.

With the Quality for Life™ seal, we guarantee peace of mind for you and for your customers.
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For more information on this Health Benefit Solution by DSM, visit www.dsmnutritionalproducts.com, www.quali-blends.com or e-mail info.dnp@dsm.com

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HEALTH · NUTRITION · MATERIALS

Maintaining mental performance

Mental performance affects our capacity to lead an independent, fulfilling life. It is essential to provide sufficient nutrients to maintain healthy cognitive functions in an aging brain.

Vitamin B12 deficiency is wide-spread and well documented among elderly. This is due to the reduced ability to absorb this vitamin as we age. Seniors may need to consume higher levels of B12 in the body to prevent declines in mental faculties. Vitamin B6 is a related vitamin that contributes to maintaining cognitive function, particularly in elderly populations. Antioxidants like β-Carotene and floraGLO® lutein may also help protect the brain by neutralizing reactive molecules that can damage our cells.

Tips for healthy aging:

Eat a balanced, nutritious diet, including plenty of fruit and vegetables

Avoid smoking

Exercise regularly

Maintain a healthy weight

Have regular check-ups with a health professional

