

YOUR END-TO-END PARTNER

PRODUCTS CUSTOMIZED SOLUTIONS EXPERT SERVICES

PRODUCTS WITH PURPOSE

Nutraceuticals

All-Q® / Coenzyme Q10

Product and Description	Certifications				Pack Size (kg)	Product Code	Form			Main Application			Specific Application				
	Kosher	Halal	DMF*	CEP			Liquid	Powder	Pharma Reg. OTC/Rx*	Dietary Supplements	Foods and Beverages	Early Life Nutrition	Medical Nutrition	Nutrition Improvement	Naturally Sourced	Vegetarian	
All-Q® (Coenzyme Q10) 10% CWS/S Beadlet ^{††} , cold water dispersible. Starch-based	●	●			5	50 0416 0.304		●		●							●
					25	50 0416 0.368											

†† Product formulations which utilise Actilease® beadlet technology. Actilease® improves absorption and eases handling.

ADDITIONAL INFORMATION | Coenzyme Q10 (All-Q®)

ROLE:

Coenzyme Q10 (CoQ10) has antioxidant activity involved in energy metabolism in all cells in the body. Studies in individuals with cardiovascular disease, in particular those with heart failure and hypertension, report the most consistent improvement in symptoms when CoQ10 is taken as a supplement.

FOOD SOURCES:

Beef, chicken, pork, herring, and trout; lesser amounts in some vegetables such as broccoli and cauliflower.

HEALTH BENEFITS & SOLUTIONS:

Guard your heart, Essentials for men, Essentials for healthy aging, Power your performance.



Fabules® / Specialty emulsion for satiety – Naturally sourced

Product and Description	Certifications				Pack Size (kg)	Product Code	Form			Main Application			Specific Application				
	Kosher	Halal	DMF*	CEP			Liquid	Powder	Pharma Reg. OTC/Rx*	Dietary Supplements	Foods and Beverages	Early Life Nutrition	Medical Nutrition	Nutrition Improvement	Naturally Sourced	Vegetarian	
Fabules® DE Fine powder, 33% functional lipid content	●	●			20	51 1400 0.341		●		●					●	●	

ADDITIONAL INFORMATION | Specialty emulsion for satiety (Fabules®)

ROLE:

Fabules® is a patent-protected combination of palm and oat oil (both naturally occurring lipids) that is formulated in an emulsion. Its microstructure aids in early gut health and triggers an “appetite satisfied” signal to the brain, therefore helping people to manage their calorie intake. Fabules® can be incorporated in foods or marketed as a weight management supplement.

HEALTH BENEFITS & SOLUTIONS:

Optimize your weight.



*DMF / Pharma registered OTC (Over the Counter) / Rx (Prescription) statuses must be checked with local DSM Regulatory Affairs team in your closest office. The applicability of the portfolio for pharmaceutical application is subject to local approval.

Metafolin® / The naturally-occurring predominant form of folate

Product and Description	Certifications				Pack Size (kg)	Product Code	Form		Main Application			Specific Application				
	Kosher	Halal	DMF*	CEP			Liquid	Powder	Pharma Reg. OTC/Rx*	Dietary Supplements	Foods and Beverages	Early Life Nutrition	Medical Nutrition	Nutrition Improvement	Naturally Sourced	Vegetarian
METAFOLIN®	•	•			1 0.1	50 1557 1.270 50 1557 1.074		•		•	•					•

METAFOLIN® is a registered trademark of Merck KGaA, Darmstadt, Germany.

ADDITIONAL INFORMATION | The biologically active form of folate (Metafolin®)

ROLE:

Metafolin® is the biologically active form of folate as it is found in nature. Genetic variation impact on folate metabolism. Usage of L-5-MTHF (Metafolin®) generates independency of genetic variants of enzymes because it's a readily bioavailable folate vitamer, directly usable by the body. Metafolin® is directly involved in lowering homocysteine blood levels, apparently not masking vitamin B12 deficiency and presents no risk of an accumulation of unmodified folic acid in the body.

FOOD SOURCES:

Sprouted legumes (mung bean, lentil, chickpea, etc.), spinach, romaine lettuce, cauliflower, asparagus, broccoli, kale, cabbage, strawberries and other berries, oranges, grapefruit, and their juices, fermented foods (sauerkraut etc.).

HEALTH BENEFITS & SOLUTIONS:

Essentials for early life.

EU HEALTH CLAIMS:

- Metafolin® contributes to normal blood formation.
- Metafolin® contributes to normal homocysteine metabolism.
- Metafolin® contributes to a normal function of the immune system.
- Metafolin® contributes to normal maternal tissue growth during pregnancy.
- Metafolin® contributes to normal psychological function.
- Metafolin® contributes to normal cell division.
- Metafolin® contributes to the reduction of tiredness and fatigue.
- Metafolin® contributes to normal amino acid synthesis.



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PeptoPro® / Dairy-based peptides – Naturally sourced

Product and Description	Certifications				Pack Size (kg)	Product Code	Form			Main Application			Specific Application				
	Kosher	Halal	DMF*	CEP			Liquid	Powder	Pharma Reg. OTC/Rx*	Dietary Supplements	Foods and Beverages	Early Life Nutrition	Medical Nutrition	Nutrition Improvement	Naturally Sourced	Vegetarian	
PeptoPro® Powder	•	•			15	50 0714 3.201		•		•	•				•	•	

ADDITIONAL INFORMATION | Dairy-based peptides (PeptoPro®)

ROLE:

PeptoPro® is a highly hydrolyzed enzymatic digest of casein, manufactured utilizing a proprietary mix of enzymes to provide a high-quality source of peptides with excellent taste. High levels of di- and tripeptides, in combination with a low level of free amino acids, provide PeptoPro® with excellent nutritional value, instant solubility and low levels of bitterness. Human studies have proven that PeptoPro® plays an important role in sports applications, such as endurance, performance and muscle recovery. PeptoPro® qualifies as a superior protein source to cover daily needs of protein.

FOOD SOURCES:

Dairy, specialized hydrolysates.

HEALTH BENEFITS & SOLUTIONS:

Enhance your mobility, Power your performance.

EU HEALTH CLAIMS:

- Protein contributes to a growth in muscle mass.
- Protein contributes to the maintenance of muscle mass.



resVida® / High-purity trans-resveratrol

Product and Description	Certifications				Pack Size (kg)	Product Code	Form			Main Application			Specific Application				
	Kosher	Halal	DMF*	CEP			Liquid	Powder	Pharma Reg. OTC/Rx*	Dietary Supplements	Foods and Beverages	Early Life Nutrition	Medical Nutrition	Nutrition Improvement	Naturally Sourced	Vegetarian	
resVida® Crystalline powder, min. 99% trans-resveratrol	•	•			1	50 1439 5.268											
					5	50 1439 5.304		•		•							
					20	50 1439 5.344										•	

ADDITIONAL INFORMATION | Trans-resveratrol (resVida®)

ROLE:

Resveratrol is a polyphenol produced by plants to protect them from environmental stress. It has antioxidant activity and is most known as the component in red wine that may confer heart health benefits in the French population, despite a high fat intake, i.e. the French Paradox. Recent studies demonstrate resveratrol mimics the effect of caloric restriction, the only known intervention to extend lifespan in mammals. Accordingly, resveratrol has been shown not only to extend the lifespan of aged mice on a high fat diet, but also to preserve the health of aging mice through maintenance of cardiac function, muscle function and blood sugar control.

FOOD SOURCES:

Wine, grapes, peanuts and berries.

HEALTH BENEFITS & SOLUTIONS:

Optimize your immunity, Guard your heart, Essentials for women, Essentials for healthy aging.



geniVida® / High-purity genistein

Product and Description	Certifications				Pack Size (kg)	Product Code	Form		Main Application			Specific Application					
	Kosher	Halal	DMF*	CEP			Liquid	Powder	Pharma Reg. OTC/Rx*	Dietary Supplements	Foods and Beverages	Early Life Nutrition	Medical Nutrition	Nutrition Improvement	Naturally Sourced	Vegetarian	
geniVida® Crystalline powder, minimum 98.5% genistein	●	●			1	50 1632 4.268		●		●							●
					5	50 1632 4.304											

ADDITIONAL INFORMATION | High-purity genistein (geniVida®)

ROLE:

Genistein is an isoflavone found in soybeans, soy flour, soy milk, soy protein concentrate (water washed) and soy protein isolates, that has the ability to bind selectively to the estrogen alpha and beta receptors and modulate gene expression. geniVida® can aid in restoring the balance between the bone-building osteoblasts and the bone-dissolving osteoclasts and help to maintain healthy bone density in postmenopausal women. Genistein has also been clinically proven to reduce menopausal symptoms, including hot flashes.

FOOD SOURCES:

Soybeans, soy flour, soy milk, soy protein concentrate (water washed), soy protein isolates, miso, tempeh, tofu and foods made with these ingredients.

HEALTH BENEFITS & SOLUTIONS:

Enhance your mobility, Essentials for women, Essentials for men, Nourish your beauty

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ADDITIONAL INFORMATION | Labeling

KOSHER AND HALAL CERTIFICATION

Typically our products have Kosher (OU) and the main Halal certifiers (IFANCA, HFCE, MUI). We occasionally use other certification organization as well, but these are typically for special cases or back-up. Information about the other available certificates may be available upon request.

SPECIFIC PRODUCT INFORMATION

Product Data Sheets and Safety Data Sheets are available for all products listed in this catalogue. They contain information on product description and identification, specification and stability and storage conditions.

Some of the listed products are used either as vitamins (nutrients / Active Pharmaceutical Ingredients / excipients) or as food additives for technological purposes; some of them serve both purposes and are authorized in most countries. However, there are local regulations according to which their use may be restricted. It is therefore advisable to consult the corresponding regulation.

For further information on our products (local availability and prices), please contact the DSM Nutritional Products' office nearest to you or one of the addresses listed on the back cover.

RSPO CERTIFICATION

DSM made a commitment in 2013 to source all palm oil and palm oil derivatives in a sustainable manner by either using GreenPalm certificates under "Book & Claim" scheme or Mass Balance certification.

YOUR END-TO-END PARTNER

PRODUCTS **CUSTOMIZED SOLUTIONS** **EXPERT SERVICES**

With our broad service offerings, customers get an integrated partner, from concept to consumer.

PRODUCTS

- Active pharmaceutical ingredients (APIs)
- Carotenoids
- Digestive enzymes
- Human milk oligosaccharides (HMOs)
- Hydrocolloids
- Nutraceuticals
- Nutritional lipids
- Probiotics and prebiotics
- Vitamins

CUSTOMIZED SOLUTIONS

- Coloration solutions
- Market-ready solutions
- Personalized nutrition solutions
- Premix solutions
- Shelf-life solutions

EXPERT SERVICES

- Application and technical services
- Innovation and R&D services
- Insights and marketing services
- Regulatory and quality services
- Scientific services

Our products can make yours stronger. Learn how at [DSM-Products.com](https://www.dsm-products.com).

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