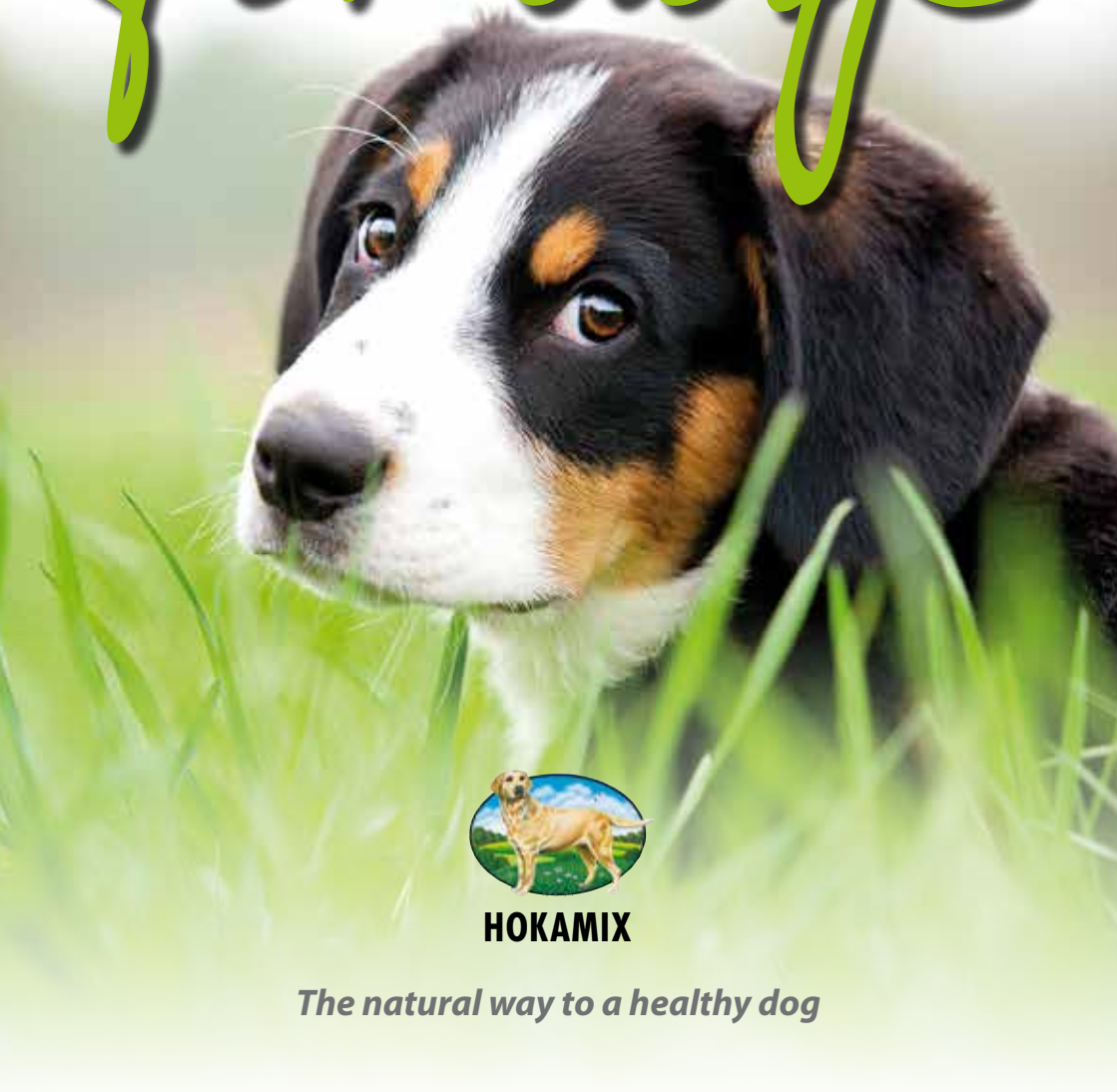




English

Food and supplements

# for dogs



**HOKAMIX**

*The natural way to a healthy dog*





## Dear dog lovers,

Today we would like to introduce our entirely re-structured range of dry balanced dogfoods to you, grau Excellence Sensitive Dog Care. The easy to follow chart by age or specific requirements such as intolerances will allow you to find the product best suited for your four-legged friend in no time at all.

The new recipes and the exclusive selection of raw materials will delight your dog. After all, although you select the food in their best interest, it is nevertheless your faithful friend who actually decides – when food is in his bowl – whether you have literally "met his taste".

Please get to know the new varieties. We will gladly help you with advice and practical assistance to find the best possible product for your dog.

Benefit from our knowledge and experience so that your four-legged friend accompanies you for a long time – in good health and vitality.

With warm wishes

Gerti Grau  
Managing Director

Jan Kroeske  
Managing Director

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HOKAMIX

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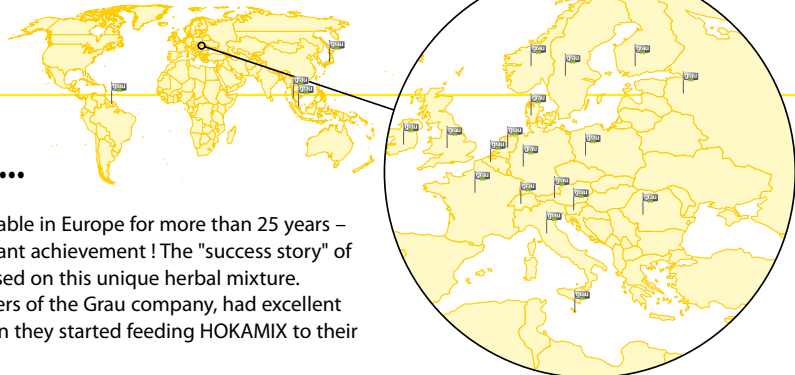
WET FOOD

## HOKAMIX

### The success story...

HOKAMIX has been available in Europe for more than 25 years – and that in itself is a brilliant achievement ! The "success story" of the entire company is based on this unique herbal mixture.

Mr & Mrs Grau the founders of the Grau company, had excellent personal experience when they started feeding HOKAMIX to their Eurasian dog Meike.



*Eurasian Meike after successful HOKAMIX-therapy.*

Meike suffered from Hip Dysplasia with serious side-effects and she could hardly move around any more. Traditional medicine had reached its limits and it was only through the personal contact between parents of the current managing director's Gerti Grau and Jan Kroeske, that Meike got a chance of recovery. HOKAMIX returned the dogs quality of life which was reason enough for the Grau family to establish the product, which was already well known in Holland, in Germany. Today the company's comprehensive range of natural products is impressive proof of the meaningful food supplements available today and how easy it can be to support the wellbeing of both dogs and cats through natural products.

In the meantime, new, varied dosage forms of the natural herbal mixture HOKAMIX have been developed. Today we are able to offer nearly every dog a tasty solution by way of tablets, snacks and treats. The great success of the herbal mixture, namely the ability to solve the ever-increasing nutrition-related problems, is the foundation of the enormous trust customers place in the knowledge of the grau team. This has ultimately led to more and more problems being solved and to constant expansion of the product range.



Oils to improve the coat, supplements to accentuate the colour of the coat and pigmentation and a care range including shampoos are as much part of the programme as delicious complete balanced foods. In addition we offer hypoallergenic products in case of food intolerances and solutions to alleviate old age complaints such as joint pain or metabolism disorders. Nowadays, specific areas of prevention and maintenance of health are gaining ever-increasing importance.

Our demands for quality and effectiveness remain consistently to the highest level. And we stay reliable, respecting the trust extended to us at the outset. It is this trust, that forms the foundation of the relationship between us and you our customers as we both have the wellbeing of our four-legged friends at heart.

Sealed by hand and paw!  
Your grau team

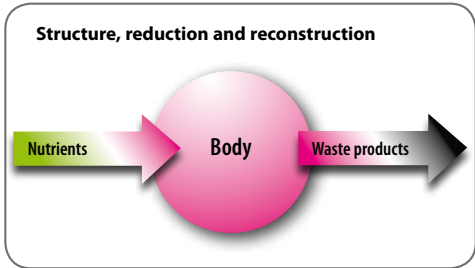
## Skin problems caused by the metabolism

### Metabolism – what is that?

The word "metabolism" means the interaction between the processing, uptake and transportation of nutrients (food components) which a healthy body needs. It also regulates the disposal of waste products that have to leave the body.

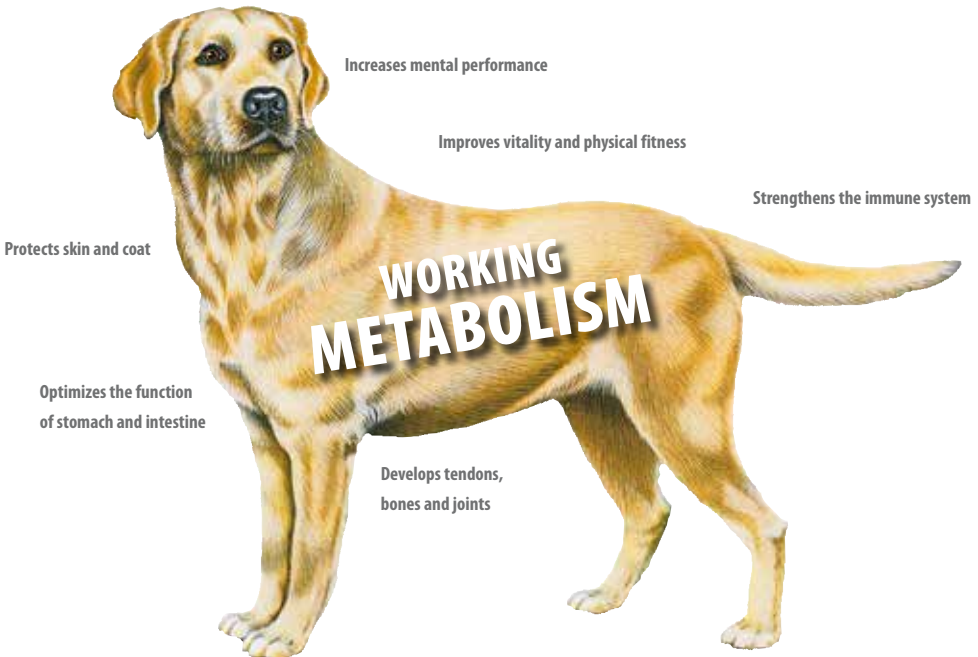
Providing the body with nutrients occurs exclusively with the ingestion of food. Therefore the quality of the daily food is very important. The maintenance and build up of the animal's organism has to be achieved with the substances offered, such as meat, fat, grain, vegetables, vitamins, minerals etc. within the bounds of normal digestion by processing, decomposing and reconstructing those materials until the contained nutrients occur as small components. Then they are transferred through the intestinal mucous membrane into the blood and from there to the "target locations", i.e. the different organs.

The body consists of many organs and tissues which in turn consist of cells. Every well-functioning body



*The body requires several nutrients and good support in order to maintain a perfect working metabolism and healthy growth.*

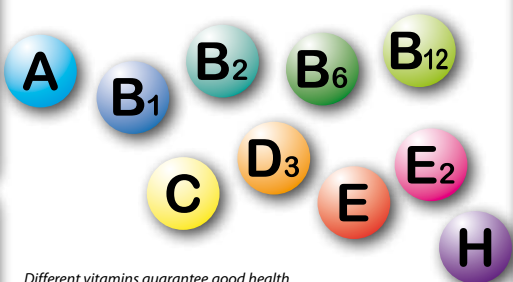
cell has to be provided with the right nutrients in the right quantities at the right time. If several cells within an organ or tissue do not perform ideally the whole organ cannot work correctly. Various symptoms (e.g. deficiency symptoms, poor digestion, skin and coat problems etc.) will occur after a certain period of time.



## Why is a perfect working metabolism so important?

A body cannot be supplied in the best possible way without this interaction of building up, reduction and reconstruction. If there is a metabolism disorder, or a dog or cat "is getting on in years", the body is no longer fully capable of filtering the vital nutrients out of the food. And this can soon result in a lack of nutrients.

Deficiency symptoms with regard to the vital substances such as proteins, fatty acids, vitamins, minerals and trace elements can have two different causes.



*Different vitamins guarantee good health.*

1. If the reason is an **insufficient intake** of nutrients from an in principle high quality balanced food, you can help the body. For example, many herbs contain ethereal oils and agents that support the body and ensure that the best can be absorbed from the food. Metabolism-related disorders are clearly recognizable by bad coat structure and skin irritations.



*rosemary (Folia Rosmarini), lady's mantle (Alchimella), alfalfa*



Photo provided by: baamar

## List of Herbs

Here you will find the description of the most important herbs contained in HOKAMIX, as well as their effects on the metabolism and the animal's different organs.

- **Alfalfa** (*Medicago sativa*) promotes the lipometabolism and has a positive effect on growth disorders as well as anaemia.
- **Anise** (*Anisum stellatum*) has a positive effect on digestion, a calming effect for nervous complaints, helps in case of flatulence, is relaxing and has a positive effect on the liver and the gall bladder.
- **Stinging nettle** (*Urtica*) stimulates the function of the pancreas and the kidneys and ensures a glossy coat.
- **Lady's mantle** (*Alchimella*) has a blood-cleansing effect and is anti-inflammatory.
- **Goldenrod** (*Solidago virgaurea*) stimulates kidney activity.
- **St John's wort** (*Hypericum perforatum* L.) stimulates the activity of the liver, calms the nerves and strengthens the muscles.
- **Sweet flag** (*Acorus calamus*) stimulates kidney function in cases of joint and muscle pain.
- **Greater burdock** (*Arctium lappa* L.) has a blood-cleansing effect, stimulates the gall bladder and liver, is slightly diuretic, has a positive effect on an increased excretion of skin fats, for acne, eczemas and scaly skin problems.
- **Common lungwort** (*Pulmonaria officinalis* L.) contains a large portion of silicic acid. Silicic acid is a very important mineral in phytotherapy.
- **Rosemary** (*Folia Rosmarini*) contains a high level of ethereal oils that have a balancing effect on the nervous system and have a positive effect on the sexual organs and digestion.
- **Horsetail** (*Equisetum*) contains silicic acid which has a positive effect on the central nervous system, bones, skin, connective tissue and lymph glands.
- **Yarrow** (*Achillea millefolium*) regulates the digestion and has a positive effect on stomach problems.
- **Heartsease** (*Viola tricolor*) has a positive effect on skin, lymph glands and the gastrointestinal tract, is blood-cleansing and is extremely successful in the treatment of eczemas.

### Vegetables:

- **Cayenne pepper** (*Capsicum frutescens* L.) stimulates blood circulation and heart function.

2. If **metabolic end products** and waste products are deposited in the body, this generally takes place in the hypoderm i.e. in the space between the cells. These waste products prevent valuable nutrients from being transported to the cells in the upper skin layers or the hair follicles from being supplied sufficiently. This results in a flaky skin and causes itching. At times, the result could also be eczemas and due to a lack of supply of nutrients to the hair follicles, the coat may no longer be glossy and beautiful.

## The power of nature!

**HOKAMIX** is the basis of this product range.

**Two further HOKAMIX products have been developed and their effectiveness improved by adding some special problem solving ingredients.**

**HOKAMIX Forte** with added seaweed chlorella for severe and persistent skin and coat problems (page 11).

**HOKAMIX Joint+** with glucosaminoglycans and additional selected cartilage-specific ingredients for joint problems (page 24).

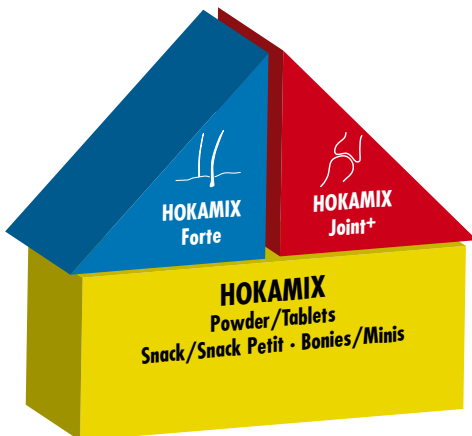


Photo provided by: J. Bywaletz

## HOKAMIX PRODUCT RANGE

### HOKAMIX Powder

- ✓ optimizes the metabolism and compensates nutrition-related deficiencies
- ✓ supports all organ systems
- ✓ for a strong musculoskeletal system
- ✓ for a magnificent coat
- ✓ accurate dosage to the gram with the enclosed measuring spoon
- ✓ powder form offers the lowest daily price of all dosage forms with the highest efficiency level
- ✓ easy to give in slightly moistened dry products or in curd, yoghurt or cottage cheese

#### Use HOKAMIX

- ✓ as a preventive supplement for puppies and full grown dogs (also for large breeds)
- ✓ to support active animals (agility, racing, sports)
- ✓ as therapy after illness or for old dogs

**Ingredients:** herbal mixture (alfalfa, anise, stinging nettle, lady's mantle, goldenrod, St. John's wort, sweet flag, greater burdock, common lungwort, rosemary, horsetail, yarrow, heartsease), vegetables

**Analytical ingredients:** crude protein 10.1%, fat content 7.1 %, crude fibre 13.8 %, crude ash 45.2 %, moisture 5.8 %, calcium 14.2 %, phosphorus 0.28 %

**Direction for use:** As a basic quantity 1g per kilo body weight (puppies when they start eating independently need 1g daily).

dogs between 15 – 40 kg      15 g daily  
dogs over 40 kg              20 to 25 g daily

**Attention:** HOKAMIX must not come in contact with hot water and not be heated above +35 °C.



### HOKAMIX Tablets

The best choice

- ✓ for dry food
- ✓ for larger dogs (easy dosage)
- ✓ for accurate daily dosage control
- ✓ very effective for existing problems

**Gluten-free**



**Ingredients:** herbal mixture (alfalfa, anise, stinging nettle, lady's mantle, goldenrod, St. John's wort, sweet flag, greater burdock, common lungwort, rosemary, horsetail, yarrow, heartsease), vegetables  
HOKAMIX Tablets (approx. 18 mm Ø) do not contain any supporting agents of animal origin but the same 30 ingredients as the HOKAMIX Powder.

**Analytical ingredients:** crude protein 9 %, fat content 12 %, crude fibre 5 %, crude ash 47 %, moisture 5 %

**Direction for use:** Puppies when they start eating independently ½ – 1 tablet daily.

dogs 5 – 10 kg                      2 tablets/day  
dogs 10 – 40 kg                  4 – 6 tablets/day  
dogs over 40 kg                  6 – 7 tablets/day



Photo provided by: J. Bywaletz

## HOKAMIX Snack/Snack Petit

### The perfect alternative

- ✓ as a healthy treat
- ✓ adjusted to the dog's jaw size
- ✓ each Snack for larger dogs (approx. 2 cm Ø), contains 5 g HOKAMIX
- ✓ each Snack Petit for smaller dogs (approx. 1 cm Ø), contains 1 g HOKAMIX
- ✓ contains chicken meat to improve acceptance
- ✓ as a preventive measure and for slight complaints

**Ingredients:** meat and animal by-products (chicken), herbal mixture (alfalfa, anise, stinging nettle, lady's mantle, goldenrod, St. John's wort, sweet flag, greater burdock, common lungwort, rosemary, horsetail, yarrow, heartsease), vegetables, seaweed

**Analytical ingredients:** crude protein 22.5 %, fat content 7.3 %, crude fibre 7 %, crude ash 5.4 %, moisture 9.8 %

**Direction for use:** HOKAMIX Snack/Snack Petit is suitable for dogs of all ages. Start by feeding small quantities and slowly increase.

### Snack:

medium-sized dogs up to 30 kg 3 pieces/day  
 large dogs over 30 kg 4 – 5 pieces/day

### Snack Petit:

Puppies when they start eating independently  
 ½ – 1 piece daily, then per kg body weight  
 1 piece daily.  
 small dogs up to 5 kg 5 pieces/day  
 small dogs over 10 kg 10 pieces/day



## HOKAMIX Bonies/Minis

### Perfect

- ✓ for smaller dogs
- ✓ for prophylactic support at any age
- ✓ as a low-calorie reward (only 2 % fat)
- ✓ during breeding and training
- ✓ with seaweed (Spirulina)



**Ingredients:** cereals, herbal mixture (alfalfa, anise, stinging nettle, lady's mantle, goldenrod, St. John's wort, sweet flag, greater burdock, common lungwort, rosemary, horsetail, yarrow, heartsease), vegetables, plant by-products, seaweed (Spirulina), oils and fats

**Direction for use Bonies:** Puppies from 6 weeks of age ½ Bonie daily.

Dogs of 5 kg and more	2 Bonies daily
from 7 kg	3 Bonies daily
from 10 kg	4 Bonies daily
from 15 kg	6 Bonies daily
from 20 kg	8 Bonies daily
from 30 kg	12 Bonies daily

**size approx. 27 x 15 mm**

**Direction for use Minis:** Minis reward your animal according to its size: small dogs up to 15 pieces/daily, medium-sized dogs up to 30 pieces/daily.

**size approx. 10 x 10 mm**

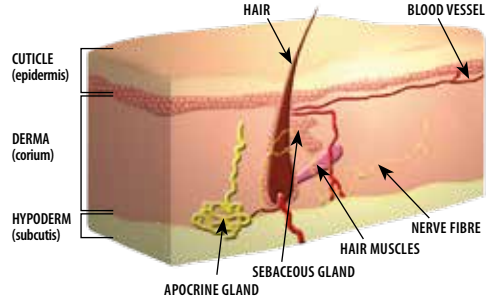
<b>Analytical ingredients:</b>	<b>Bonies</b>	<b>Minis</b>
crude protein	11.5 %	11.5 %
fat content	2 %	2 %
crude fibre	1 %	1.5 %
crude ash	11 %	7.5 %
moisture	16 %	18 %



## Skin problems caused by incorrect nutrition

The first thing we admire about a healthy dog is a glossy coat. It acts as a mirror, showing us if an animal is fed properly and well-groomed and if it is overall in good health. As the skin is the largest organ of the body it deserves very special attention, support and care.

Parasites, inflammations or general illnesses should always be treated by a vet – but you can easily treat the wide field of nutrition-based skin and coat problems by changing the food and feeding valuable food supplements.



There are many reasons for the occurrence of skin and coat problems:

- parasitic infestation (fleas, mites)
- inflammatory changes to the skin
- allergic intolerances
- lack of nutrients
- hormonal disturbances
- general indisposition

### Skin problems caused by incorrect nutrition

A healthy dog will filter proteins which are hard to digest (from vegetable raw materials or inferior products containing meat), chemical components (preservatives, colouring agents or attractants) etc. mainly via the kidneys and excrete them through the intestine with the faeces. If the metabolism is no longer able to do this, the body will try to dispose of these remains through the skin surface. This is unfortunately not always possible and the remains or metabolism end products deposited in the hypoderm will then cause itching, scaly skin, hair loss or even inflammation!

#### Possible solutions

- changing to a balanced food which is adapted to the actual protein needs
- choose high-quality, easily digestible protein sources (with lots of meat)

- consider treats (pizzles, pig's ears or chewing bones) that have a protein content of up to 80 %.

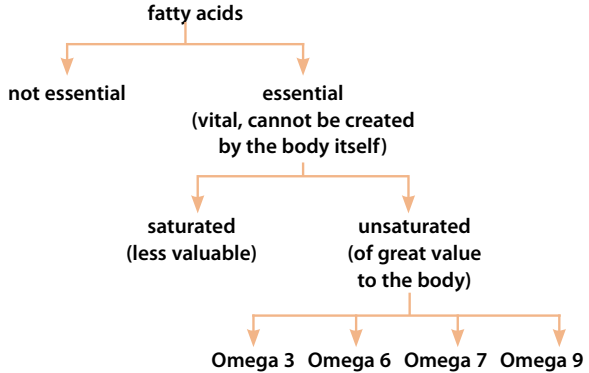
In addition to the proteins, essential fatty acids play an important role for a beautiful, glossy and strong coat. We differentiate between essential (necessary) and non-essential (can be produced by the body itself) as well as unsaturated fatty acids (which are more valuable to the organism) and saturated fatty acids. Essential, unsaturated fatty acids are a component of the cell structure. A deficiency here results in tissue damage with the consequence of skin problems such as scaly skin, eczemas, brittle hair or hair loss.

#### Possible solutions

- add unsaturated, essential fatty acids to the food
- note the ratio of 5 – 10 Omega-6- to 1 Omega-3- fatty acids

**The significance of fatty acids**

Various essential, unsaturated fatty acids are of enormous significance for the entire body.



**Our recommendation for persistent skin problems: HOKAMIX Forte**

**Gluten-free**

A very special seaweed is added to the HOKAMIX medicinal herbs mixture (page 8) in order to fight skin problems directly: **Chlorella**.

As chlorella contains essential amino acids and numerous vital vitamins and minerals, it optimizes the many positive characteristics of the herbs used. Accordingly, HOKAMIX Forte is the perfect solution for many skin problems, especially eczemas and severe itching.



Chlorella has two important characteristics: it can excellently absorb heavy metals and is therefore very important for detoxifying the body. It also contains a natural growth factor (Chlorella Growth Factor (C.G.F.®)), which enhances cell division and the healing of damaged skin tissue.

**HOKAMIX Forte:**

- ✓ stimulates cell division and accelerates healing
- ✓ supports natural healing
- ✓ influences the entire organism
- ✓ you need to be patient for about 6 to 8 weeks
- ✓ accurate dosage to the gram with the enclosed measuring spoon

**Ingredients:** herbal mixture (alfalfa, anise, stinging nettle, lady's mantle, goldenrod, St. John's wort, sweet flag, greater burdock, common lungwort, rosemary, horsetail, yarrow, heartsease), vegetables, seaweed (chlorella)

**Analytical ingredients:** crude protein 12.9 %, fat content 12.2 %, crude fibre 8.6 %, crude ash 46.1 %, moisture 3.8 %, calcium 12.5 %, sodium 1.6 %, phosphorus 0.3 %

**Direction for use:** As a basic quantity each dog (puppies when they start eating independently) needs 1g per kg body weight per day.  
 dogs from 1 kg – 15 kg 1 to 15 g daily  
 dogs from 15 kg – 40 kg 15 g daily  
 dogs over 40 kg 25 g daily

**Ideal against**

- ✓ itchiness
- ✓ scaly skin
- ✓ excessive loss of coat
- ✓ eczema
- ✓ allergies
- ✓ bald patches





## Essential Fatty Acids:

### HOKAMIX Skin & Shine, Velcote

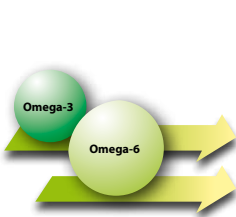
The entire body tissue and every organ is composed of very specific cells. The skin is the body's largest organ and consists of innumerable single cells, just as one single hair does.

Essential, unsaturated fatty acids are a component of every cell coating. If there is a deficiency of these fatty acids, the tissue is also not intact. This results in skin problems such as scaly skin, eczemas, brittle hair or a coat which is too loose and hair that constantly and easily falls out. We can differentiate between essential (necessary) and non-essential (can be produced by the body itself) as well as unsaturated fatty acids (which are more valuable to the organism) and saturated fatty acids.

As some fatty acids are essential, they must be supplied to the body through food. It therefore does not make sense to simply add pure oils such as sunflower, olive, salmon or evening primrose oil. These oils only contain one of the different kinds of fatty acids at a time and so the required ratio of 5 – 10 Omega-6 to 1 Omega-3 fatty acids is not taken into account. But by combining different oils in one product, the ratio of the fatty acids can be influenced and optimized. If you add this combination to the food every day, you will soon achieve the desired aim of allowing the skin tissue to heal, removing scales and effectively opposing constant hair loss.

#### Advantages of essential fatty acids

- ✓ fast results
- ✓ locally on the skin (from the inside)



Photos provided by: baamar

## HOKAMIX Skin & Shine

#### Product properties:

- ✓ for long-coated breeds
- ✓ cold-pressed oil from African and American nuts
- ✓ for more pronounced changes, such as open patches, "bedsores", irritated skin, massive loss of hair
- ✓ effective after 4 – 5 days
- ✓ particularly for very dry, flaky skin
- ✓ ideal ratio of Omega-3 and Omega-6 fatty acids
- ✓ double quantity of Omega-3 fatty acids (compared to other known products)
- ✓ additional Omega-7 fatty acids (promote the regeneration of the skin)
- ✓ additional Omega-9 fatty acids (support the heart function and maintain a good cholesterol level)

**Ingredients:** oils and fats (pure vegetable and cold-pressed made from African and American nuts), also included are very high levels of palmitic acid, stearic acid, oleic acid, linoleic acid and arachidonic acid

**Analytical ingredients:** fat content 97 %

**Additives:** *Nutritional additives per kg:* vitamin A 234.000 IE, vitamin D3 23.400 IE, vitamin E 1.065 mg

#### Direction for use:

small dogs	2 ml daily
medium-sized dogs	6 ml daily
large dogs	8 ml daily

Mix HOKAMIX Skin & Shine with the dog's food (1 pump of the product is approx. 2 ml)



## Velcote

### Product properties:

- ✓ for short-coated breeds
- ✓ made from cold-pressed nut oils, wheat germ oil and linseed oil
- ✓ against flaky skin and a dull coat
- ✓ accelerates fur change
- ✓ effective after 7 – 10 days
- ✓ ideal ratio between Omega-3 and Omega-6 fatty acids

**Ingredients:** oils and fats (pure vegetable and cold-pressed from nuts, wheat germ oil, and linseed), with naturally high percentages of lecithin, oleic acid, linoleic acid, linolenic acid, palmitic acid, stearic acid, arachidonic acid, glycerids

**Analytical ingredients:** fat content 98 %, crude protein 0.5 %, crude ash 0.5 %, crude fibre 0 %

**Additives: Nutritional additives per kg:** vitamin A 200.000 IE, vitamin D3 20.000 IE, vitamin E 671.1 mg

**Direction for use:** The recommended duration of feeding Velcote (the time until the desired results normally should be achieved) is up to 2 months. After a few days you should already be able to see the first positive results achieved by the supplement. Feeding Velcote daily over the whole year, will ensure that the coat and the skin are in a perfect condition in winter as well as in summer.

Rodents, cats and small dog breeds  
 up to 10 kg 1 – 2 ml daily  
 dogs between 10 and 30 kg 3 – 5 ml daily  
 dogs over 30 kg 5 – 10 ml daily  
 horses 10 – 15 ml daily  
 1tsp corresponds to approx. 5 ml Velcote

## Salmon oil

### Product properties:

- ✓ suitable for all breeds
- ✓ pure salmon oil derived from Atlantic salmon
- ✓ supports essential functions
- ✓ for dry skin, itching
- ✓ especially high percentage of Omega-3 fatty acids
- ✓ cost-efficient alternative

**Ingredients:** 100 % pure salmon oil

**Analytical ingredients:** fat content 99.9 %

**Additives: Nutritional additives per kg:** vitamin A 813.000 IE, vitamin D 88.000 IE, vitamin E 1.370 mg

### Direction for use:

below 5 kg 2.5 ml daily  
 15 – 30 kg 10.0 ml daily  
 5 – 15 kg 5.0 ml daily  
 over 30 kg 15.0 ml daily  
 1tsp corresponds to approx. 5 ml





HOKAMIX

SKIN & COAT

JOINT

HEALTH

DRY FOOD

WET FOOD



Morgana



before



after



before



after



Enzo

## Morgana's ...

The photographs of Morgana and Enzo clearly reflect the impressive healing process and the significant change in the skin.

Morgana suffered for ten months from flaky skin and her fur was falling out. She was treated with various antibiotics and cortisone. Her food was high quality and balanced. After ten months, her treatment with **HOKAMIX Forte** and **HOKAMIX Skin & Shine** was started. Later, the treatment was supported by additional, homeopathic medicine which stimulated the kidneys and liver. Now, only using **HOKAMIX Forte**, the dog is sustainably well.

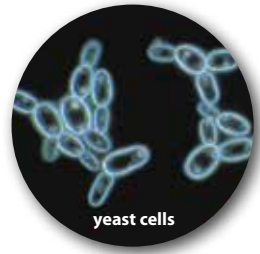
## ... and Enzo's success stories

Enzo, the German Shepherd, also suffered from acute coat problems. In a period of about 3 months, he was given **HOKAMIX Forte**, **HOKAMIX Skin & Shine** and **Sanofor**. After these additives, Enzo's fur nearly regenerated completely, and his skin is fully regenerated.



## Vital Tablets (herbal yeast)

Vitamins, minerals and valuable amino acids are indispensable for a healthy and active life. For dogs and cats – both carnivores – yeast offers those nutrients which they can actually benefit from. That is why they have a high bioavailability. The yeast cells used for these tablets are naturally broken down so that the particularly effective ingredients are in fact available for the meat-eater's organism.



### Special life situations require an additional supply of vital substances:

- ✓ stress
- ✓ special performance (agility, work, sport)
- ✓ dog shows
- ✓ pregnancy and lactation
- ✓ fur change
- ✓ BARF feeding
- ✓ recuperation after an illness
- ✓ first complaints of old age

The Vital Tablets (herbal yeast) are extremely suitable for providing vitamins, minerals or amino acids (building blocks for a healthy organism) as a cure or on a permanent basis. A course of about 6 weeks supports and regenerates when feeding homemade rations or when feeding BARF, essential nutrients are provided. For performance or during the course of life, when the body needs support, this permanent addition to the daily food ration is an effective support for every four-legged friend.

**Ingredients:** dried yeast (80 %), maize starch, cellulose powder, carrots, elderberries, blackberries, stinging nettles, dandelion, wheat germ, artichokes, melissa, thyme, sage, woodruff, ground ivy, alfalfa

**Analytical ingredients:** crude protein 33.4 %, fat content 3.7 %, crude fibre 6 %, crude ash 6.3 %, moisture 17.7 %

**Naturally present vitamin content per 100 g:** vitamin B1 1.60 mg, vitamin B2 2.30 mg, vitamin B6 1.20 mg, vitamin B12 1.6 µg, niacin 26.00 mg, biotin 22 µg, pantothenic acid 9.70 mg, folic acid 1.00 mg. Once swallowed, the B vitamins of Vital Tablets are quickly absorbed and are fully effective in the body.

**Naturally present mineral content per 100 g:** calcium 93.40 mg, magnesium 161.00 mg, phosphorus 978.00 mg, iron 26.80 mg, cobalt 1.60 mg, copper 2.10 mg, manganese 0.80 mg, zinc 12.20 mg.

Minerals and trace elements are essential for elementary metabolism processes and for the development of vital enzymes.

**Amino acids:** arginine, methionine, cysteine, phenylalanine, glutamic acid, threonine, glycine, tryptophan, histidine, tyrosine, isoleucine, valine, leucine, glutathione (tripeptide), lysin

### Direction for use:

small dogs 1 – 2 x daily 1 tablet  
large dogs 2 x daily 2 – 3 tablets



1 tablet = approx. 0.4 g

- ✓ for optimal hair growth
- ✓ for severe stress
- ✓ with valuable ingredients
- ✓ quick-working
- ✓ with herbal additives
- ✓ vitamin B complex strengthens the nervous system
- ✓ supplements raw feeding





## Garlic

- ✓ against tick and flea infestation
- ✓ natural protection against parasites
- ✓ supports the body, especially in old age

1 tablet = approx. 0.4 g

1 teaspoon = approx. 5 g

Dogs and cats that are given garlic on a regular basis will become unattractive to fleas and ticks. "Garlic has a high content of ethereal oils which cover the lactic acid smell of the skin which ticks and fleas need as a trigger mechanism and thus successfully reduce the infestation" (quote from BARF by Swanie Simon, published by DreiHundeNacht). A daily supplement is important to maintain the desired effect.



### Garlic Granules

**Ingredients:** garlic (*Allium sativum* L., 100 %) dried, as granules

**Direction for use:**

small dogs	1 pinch daily
dogs over 25 kg	1 teaspoon daily
horses	1 tablespoon daily

### Garlic Tablets

**Ingredients:** garlic (*Allium sativum* L., 95 %), beer yeast (5 %)

**Direction for use:**

small dogs	2 tablets daily
medium-sized dogs up to 25 kg	3 – 4 tablets daily
large dogs over 25 kg	5 – 6 tablets daily
horses	10 tablets daily

Through the high purity and naturalness of our garlic only a small quantity of the granules is necessary as an additive to the daily food. To achieve the desired effect, a daily supplement over a period of 3 weeks is required.





## Bring colour into their life!

The colour of the coat and the clear accentuation of the nasal plane, upper lips and eye rims are an important breed characteristic. By adding different food supplements you can specifically support the pigmentation and the intensiveness of the skin and coat colour.

There are two important preconditions:

- the pigmentation must be genetically present at the concerned location
- the nutritional supplements are really suitable and effective



Supporting the colour of the coat is possible by using:

### Carotene

#### Reddish-brown pigmentation



- ✓ supports the reddish brown pigmentation
- ✓ intensive colour impression due to stored carrot pigment
- ✓ high bioavailability

This natural product is made out of 100 % organic carrots and contains a very high percentage of provitamin A (beta-carotene). This beta-carotene is responsible for the reddish colour of skin and coat and thus the perfect solution for breeds with a red coat.

#### Breeds:

Boxer	German Shepherd	Dogue de Bordeaux
Irish Setter	Cocker Spaniel	Hungarian Vizsla
Dachshund	Apricot Poodle	Norwich Terrier
Welsh Terrier	Cairn Terrier	Irish Terrier
Rhodesian Ridgeback		

Simply soak the granules in slightly warm water and add it to the daily food. After about 2 weeks you will be able to see the colour becoming more intense.

#### Ingredients:

carrots (100 %, dried, as granules)

#### Analytical ingredients:

crude protein 8.8 %, crude fat 1.8 %

#### Direction for use:

- puppies
- 1 teaspoon daily
- adult dogs
- 1 tablespoon daily



1 teaspoon = approx. 4g



Photo provided by: J. Bywaletz

**Accentuation of the natural colour (light, dark, tricolor, etc.)**

## Seaweed powder

- ✓ Supports ALL natural pigmentation from white to black
- ✓ also emphasizes tricolour colouring
- ✓ contains 380 mg/kg iodine
- ✓ ensures a thick and glossy coat

Seaweed powder derived from the seaweed "Ascophyllum nodosum" is a high-quality natural product without any further additives. It distinguishes itself by its high content of valuable amino acids (protein building blocks), vitamins and minerals. These natural ingredients ensure that the appearance of the individual, breed-specific fur colour is presented in the best way and the coat becomes silky and thick. Through the use of this additional supply of important building blocks to complement an optimal nutrition, a dog obtains the splendid appearance with his typical, accentuated fur markings. Seaweed naturally contains a high level of iodine. Iodine is indispensable for an optimal thyroid function.

### Ingredients:

dried fresh seaweed (Ascophyllum nodosum)

### Analytical ingredients:

crude protein 6.8 %, crude oils and fats 3.2 %, crude fibre 8.2 %, crude ash 24.8 %, moisture 8.9 %

### Direction for use:

- small and young dogs  
1/2 teaspoon daily
- large dogs  
1 teaspoon daily



1 teaspoon = approx. 5 g



## Skin – Pigments

A nasal plane with clear pigmentation, black eye rims and dark upper lips are breed characteristics and are a decisive part of the whole facial expression of the dog. With the aid of these natural colouring agents from the elderberry (*Sambucus nigra* L.) it is easy to effectively support the genetically present pigmentation. The dark colouring should be clearly visible after about three months, otherwise it can be assumed that there is no pigmentation at that location. The simultaneous provision of HOKAMIX products will multiply the desired effect.

## Pigment Plus

- ✓ liquid
- ✓ pure, carefully divided elderberry juice

The juice of the elderberry is rich in vitamins A & C and therefore supports the corresponding active ingredient in the food. The plant colourants contained in elderberry juice (anthocyanins, flavonoids) in combination with the naturally high iron content also influences the dark pigmentation of hairless areas of the skin such as the nasal plane, upper lips and eye rims.

### Ingredients:

elderberry juice (concentrated, carefully prepared)

### Analytical ingredients:

crude protein 1.2 %, fat content 0.1 %, crude fibre 0.1 %, crude ash 3.5 %, moisture 95 %

### Direction for use:

small dogs	5 ml daily
medium-sized dogs	10 ml daily
large dogs	15 – 20 ml daily





## Elderberry Pills

- ✓ tablets are especially easy to give
- ✓ clean, reliable dosage

Seaweed and stinging nettle have been added to the elderberry extract tablet. They are particularly suitable when feeding dry food and to be assured that the whole daily dosage is taken.

### Ingredients:

elderberry, seaweed, stinging nettles

**Analytical ingredients:** crude protein 5.6 %, oils and fats 2.1 %, crude fibre 2.7 %, crude ash 20 %, moisture 6.5 %, calcium 0.54 %, phosphorus 0.051 %, sodium 0.29 %, magnesium 0.33 %

### Direction for use:

small dogs	1 – 2 tablets daily
medium-sized to large dogs	2 – 4 tablets daily



ca. 10 mm Ø









Photo provided by: baamar

## Is there a change in your dog's behaviour?

- ✓ Does he have problems with muscle stiffness
- ✓ If you go for a walk with him, does he lag behind...?
- ✓ Does he hesitate before going up or down stairs...?
- ✓ Does he limp a little...?
- ✓ Has he lost his enthusiasm and zest for life ...?

**You should never underestimate these signs!**  
**These are the warning signs that could indicate joint problems!**



Joint products	During growth	For adults	For old age-related problems
<p><b>Top-Product HOKAMIX JOINT*</b> supports the entire organism and joints; <b>results after 6 – 8 weeks</b></p>  <p><a href="#">i</a> page 24</p>	<ul style="list-style-type: none"> <li>✓ in particular for large and very large breeds up to the end of the growth phase</li> <li>✓ optimal start to life</li> </ul>	<ul style="list-style-type: none"> <li>✓ preventive measure for larger or very active dogs depending on stress levels 1 – 2 x annually for 6 – 8 weeks into old age</li> </ul>	<ul style="list-style-type: none"> <li>✓ comprehensive effects on joints, metabolism, organs and also vitality</li> </ul>
<p><b>Synopet Joint liquid</b> (also contains turmeric and green lipped mussels) ensures optimal mobility; <b>results after about 3 – 4 weeks</b></p>  <p><a href="#">i</a> page 25</p>		<ul style="list-style-type: none"> <li>✓ reduces acute inflammation and pain</li> </ul>	<ul style="list-style-type: none"> <li>✓ reduces acute inflammation and pain</li> </ul>
<p><b>Drinking-Gelatine</b> for all dogs with arthritis and for older animals with joint problems; <b>results after about 3 – 4 weeks</b></p>  <p><a href="#">i</a> page 25</p>			<ul style="list-style-type: none"> <li>✓ replaces synovial fluid, reduces age related problems in movement</li> </ul>
<p><b>Glycofit</b>            Glycosaminoglycanes made from green lipped mussel; <b>results after 3 – 4 weeks</b></p>  <p><a href="#">i</a> page 26</p>	<ul style="list-style-type: none"> <li>✓ in particular for large and very large breeds, effective for joints, tendons and ligaments</li> </ul> 	<ul style="list-style-type: none"> <li>✓ preventive measure for larger or very active dogs depending on stress levels 1 – 2 x annually for 6-8 weeks into old age</li> </ul> 	<ul style="list-style-type: none"> <li>✓ supports cartilage regeneration</li> </ul> 

HOKAMIX

SKIN & COAT




JOINT

HEALTH

DRY FOOD

WET FOOD

## When do the joints need support?

<b>Ideal time</b>	<p><b>during growth</b></p> <p><b>small and medium-sized breeds</b> at the beginning of their growth (4 – 5 months old, rapid increase in the growth rate)</p> <p><b>large breeds</b> (adult weight up to 40 kg) up to the end of their first year</p> <p><b>very large breeds</b> (adult weight &gt; 40 kg) up to 18 months</p> 	<p><b>for adult animals</b></p> <p>depending on their activity (e.g. agility, running hounds, training) 1–2 x annually for a cure over 6-8 weeks</p> 	<p><b>for seniors</b></p> <p>without special requirements preventive 1 – 2 x annually or all year round if there are problems</p> 
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### Areas of application

all-round problem-solver for nearly all joint diseases preventative or therapeutic

for inflammation complaints, supports the joints

for signs of wear and tear

relief, e.g. for inflammatory processes, injuries, trauma, weaknesses of the connective tissue

## Movement is life!

If your animal suffers from joint problems, it is important to make sure that it has regular, but controlled exercise. Only then the muscles can build up a "supporting brace" which can relieve the strain on the affected joint. Additionally, the joint fluid, the "synovia", will be distributed by the mechanical movements of the complete joint over the entire surface of the joint which relieves pain. Rest is not at all suitable to provide an animal with long-term relief.

### Joint effecting agents

#### a) Glycosaminoglycans

GAG, are very effective agents derived from the New Zealand green-lipped mussel (*Perna canaliculus*). GAG are also nutrients which help to rebuild and regenerate the cartilage and have a broad efficacy spectrum for the musculoskeletal system:

1. **Inhibition:** Enzymes which lead to arthritis of the joint are inhibited and the progress of the problem is impeded.
2. **Replacement:** GAGs are a component of a healthy cartilage. They are stored in the joint to replace the cartilage.
3. **Stimulation:** The cartilage's own cells (chondrocytes) are stimulated and regenerate the tissue.

#### b) Mucopolysaccharides (MPS)

are natural components of the cartilage. They are excellent at storing water and in this way create an elastic and robust cartilage tissue.

#### c) Chondroitin sulphate

is a natural component of cartilage, connective tissue and joint fluid (synovia) and serves as a structural substance. It supports the regeneration of damaged joints and the surrounding tissue.

#### d) Turmeric (Yellow Ginger)

has provable anti-inflammatory and thereby also pain-reducing properties.



## HOKAMIX Joint+

**Gluten-free**

**Our Number One product for dogs of any age and breed.**

This mixture of medicinal herbs is a further development of HOKAMIX (page 8). The addition of joint effecting agents multiplies the characteristics of the initial mixture. This is the reason why this product is an ideal choice for many animals with pain or signs of wear in the muscoskeletal system. Besides the therapeutic use for existing problems, the aspect of prevention (prophylaxis) is of utmost importance. The different breeds, and increasingly

**HOKAMIX Joint+ contains 4 % glycosaminoglycanes. Depending on the quality, between 2 g and 6 g of GAG are included in 100 g of pure mussel extract. Giving your dog 100 g HOKAMIX Joint+ means he gets 4 g GAG and an additional 30 appropriate herbs for mobility and well-being. In effect, this amounts to a larger quantity of GAG than present in a product with 100 % mussel extract!**

diverse exercises available for our dogs, demand a well-timed and targeted nutrient intake.

### HOKAMIX Joint+ Powder

#### Prevention:

- promotes the development of the cartilage during growth, especially for large breeds
- stabilizes the skeletal system
- creates a muscular support structure around the growing bones and joints
- supports the development of healthy joints

#### Relief:

- supports the creation of the synovial fluid
- mobilizes the joints
- stabilizes the muscoskeletal system
- adds joint-specific elements and nutrients
- strengthens the joint capsule

**Ingredients:** herbal mixture (alfalfa, anise, stinging nettle, lady's mantle, goldenrod, St. John's wort, sweet flag, greater burdock, common lungwort, rosemary, horsetail, yarrow, heartsease), vegetables, molluscs and crabs (as an extract from mussel powder), glucosamine, chondroitin sulphate



#### Powder

- ✓ for dogs of any age
- ✓ medicinal herbs mixture with the added ingredients glycosaminoglycanes, mucopolysaccharides and chondroitin sulphate
- ✓ the best product for growing animals of large breeds
- ✓ provides relief and acts preventively

about 12mm Ø

#### Tablets

- ✓ especially easy to give
- ✓ good acceptance

**Analytical ingredients:** crude protein 12 %, fat content 10.7 %, crude fibre 8.5 %, crude ash 49.9 %, moisture 4.3 %

**Direction for use:** As a basic quantity each dog (puppies when they start eating independently) needs 1g per kg of body weight daily. Dogs with a body weight  
 between 15 and 40 kg      15 g daily  
 dogs over 40 kg      20 – 25 g daily

### HOKAMIX Joint+ Tablets

are easy to give. Ideally they can be mixed with the food or given as a little "treat".

**Ingredients:** herbal mixture (alfalfa, anise, stinging nettle, lady's mantle, goldenrod, St. John's wort, sweet flag, greater burdock, common lungwort, rosemary, horsetail, yarrow, heartsease), vegetables, brewer's yeast, molluscs and crabs (as an extract from mussel powder), glucosamine, chondroitin sulphate. **Analytical ingredients:** crude protein 16.2 %, fat content 1.4 %, crude fibre 3.4 %, crude ash 27.3 %, moisture 5.7 %

**Direction for use:** Large breed puppies (when they start eating independently) get 1 tablet per 2 kg of body weight daily.  
 adult dogs with 1 – 5 kg body weight 2 tablets daily  
 with 6 – 15 kg body weight      4 – 8 tablets daily  
 and from 16 kg and more      10 tablets daily  
 Extremely heavy dogs (including Great Danes and St Bernards) should be given 15 – 20 tablets daily.

## Synopet Joint liquid

ensures:

- ✓ supple joints
- ✓ sufficient synovial fluid
- ✓ optimal mobility
- ✓ intact cartilage tissue

The main ingredients are turmeric (*Curcuma longa*, yellow ginger) and 100% green lipped mussel (*Perna canaliculus*). Further additives are vitamin C, vitamin D3 and blackcurrants (*Ribes nigrum*).

These ingredients have proven properties for aiding against inflammation. They also support the preservation of important tissue such as cartilage and synovia (joint lubricant) which enables harmonious movement.

The liquid form provides all nutrients in a very good bioavailability, is tasty and easy to dose.

**Ingredients:** water, green lipped mussel (*Perna canaliculus*), turmeric (*Curcuma longa*), blackcurrants (*Ribes nigrum*)

**Analytical ingredients:** crude protein 2.3%, crude oils and fats 0.3%, crude fibre <0.3%, crude ash 0.6%, moisture 93%

**Additives:** Nutritional additives per kg: vitamin C (ascorbic acid) 17,000 mg, vitamin D3 (cholecalciferol) 2000 I.E. Technological additives: citric acid, lactic acid and potassium sorbate

**Direction for use:** Synopet Joint Liquid can be poured over the food. If necessary, the dose can be doubled over a period of 10 days. Dogs

up to 10 kg	3 ml daily
up to 30 kg	5 ml daily
up to 45 kg	7.5 ml daily
over 45 kg	up to 10 ml daily

**Note:** Please store in a cool and dry place. Shake before use. Do not feed to pregnant animals. Use contents within 45 days after opening.



## Drinking Gelatine with Biotin

- ✓ particularly suited for older dogs
- ✓ replaces synovial fluid
- ✓ relieves joint pains
- ✓ improves mobility
- ✓ brings relief after about 3 weeks
- ✓ neutral taste

Based on proven studies conducted in human medicine, gelatine is an outstanding food supplement capable of replacing the synovial fluid. Our very pure, tasteless gelatine powder can be dissolved in drinking water or spread over food. Even a very low daily dosage will bring a noticeable relief in the dog's movement within about 3 – 4 weeks. Drinking Gelatine eases existing problems and also supports the organism as it ages. Given twice a year as a treatment, you can prevent complaints typical for old dogs like stiff joints and painful movement.

**Ingredients:** gelatine, calcium carbonate

**Analytical ingredients:** crude protein 92.9%, crude ash 2.1%, moisture 3.9%, calcium 1.0%

**Nutritional additives per kg:** vitamin C 1200 mg, vitamin E 180 mg, niacin 240 mg, pantothenic acid 90 mg, vitamin B6 21 mg, vitamin B2 21 mg, vitamin B1 17 mg, folic acid 3 mg, biotin 800µg, vitamin B12 38 µg

**Direction for use:**

small dogs 5 – 10 kg	5 g daily
medium-sized dogs 10 – 25 kg	7 g daily
large dogs over 25 kg	10 g daily

Dissolve in drinking water or mix into food.



1 slightly heaped teaspoon = about 5 g



## Glycofit

- ✓ as a preventive measure for large puppies during growth
- ✓ for dogs with growth problems, especially for large breed young dogs
- ✓ for adult dogs with acute complaints
- ✓ for inflammatory changes in the joints
- ✓ good acceptance
- ✓ stabilizes the surrounding connective tissue
- ✓ contains glucosaminoglycanes

Glycofit is the ideal choice if you wish to add glucosaminoglycanes to the food. The GAGs, which form the basic agent for this product, are derived from the extract of the New Zealand green lipped mussel "Perna canaliculus". Dogs love the fish-like flavour of molluscs and crabs, making these granules easy to give. As early as 3 weeks after the initial dosage, you will notice an improvement in the dog's movement and a significant decrease in its problems.

Glucosaminoglycanes (included in the added mussel powder) make this food supplement particularly valuable and effective. We choose the same high quality ingredients for our additives as are used in the production of human food.

**Ingredients:** proteinhydrolyzate (made of broken-down collagen), oatmeal, brewers yeast, rye flakes, wheat flakes, fat powder (soy-oil, inclusive of multiple unsaturated fatty acids 49 %), culinary herbs, spices and pot herbs (also with parsley), carrot meal, mussel powder extract (2 %, with natural glucosamine content), seaweed powder, minerals (magnesium hydroxide carbonate, tricalcium phosphate, calcium carbonate)

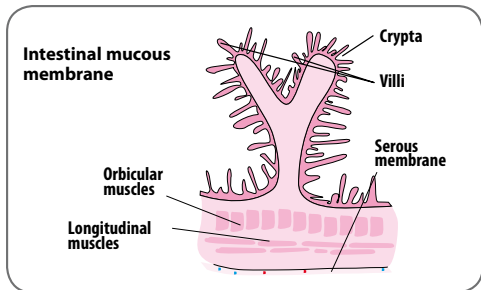
**Contents:** crude protein 31.4 %, fat content 9.3 %, crude fibre 5.7 %, crude ash 2.2 %, calcium 0.48 %, phosphorus 0.47 %

### Direction for use:

dogs up to 10 kg	7 g/day
dogs up to 20 kg	14 g/day
dogs up to 30 kg	21 g/day
dogs over 30 kg	28 g/day



1 slightly heaped tablespoon = about 14 g



## Stomach and Intestine – up and out it goes!

Some day it catches all dogs: diarrhoea and vomiting are the symptoms of different diseases and occur on and off during lifetime. In the majority of cases, these are signs that the dog ate something that didn't agree with him or there could be a slight infection; something that can easily be regulated by changing his food or food supplement. If the diarrhoea and/or vomiting persists for more than

two days, you should consult your vet as these could also be symptoms of a more serious disease or infection.

## Sanofor

The vital substances contained in Sanofor

- ✓ support gastro-intestinal activity
- ✓ ensure a vital intestinal mucous membrane and intestinal flora
- ✓ neutralises excessive gastric acid
- ✓ supports blood formation (high iron content, 400 mg/kg)
- ✓ can reduce eating of faeces and scavenging



This natural moor consists of an organic substance from primordial plants. It supports the gastro-intestinal tract in a natural way – even while neutralising excessive gastric acid. This reduces hyperacidity of the stomach. Sanofor supports the intestine to excrete hard-to-digest food components with the faeces and revitalises the intestinal flora, especially after nutrition-related disorders (e.g. antibiotics or de-worming treatment). An intact, perfectly working intestine is the basis of vitality and life quality and the best possible outer appearance.

**Ingredients:** pure natural moor, natural ligno-cellulosic (0.5 %)

**Analytical ingredients:** crude protein 0.8 %, crude fat 0 %, crude fibre 1 %, crude ash 0.6 %, moisture 91 %

This liquid moor product does not contain any additives; it is natural, extremely rich in content, and superior in its effectiveness.

### Direction for use:

small dogs	1 teaspoon daily
medium-sized dogs	2 teaspoons daily
large dogs	1 tablespoon daily
cats and rodents	½ teaspoon daily

**Tip:** Please do not store the product in the fridge and protect it against frost.

## Vitality – makes life worth living

### Beef Fat Powder

- ✓ for insufficient undercoat
- ✓ for loss of appetite
- ✓ for more body
- ✓ for additional energy requirements

#### **An energy bomb enriched with glucose!**

The Beef Fat Powder is quickly absorbed by the body. This creates an immediate release of calories for direct energy requirements. Beef Fat Powder is also an excellent "little extra" to add to food, increasing the development of the animal's body.

#### **Good to give**

- to dogs with high energy requirements, e.g. police dogs, hunting dogs, sports dogs, and other dogs that are exposed to extensive physical work
- during the last trimester of pregnancy
- to nursing bitches
- to dogs with a dry skin
- if the structure of the coat is too hard
- as an additional supply of calories
- as an appetiser

**Ingredients:** beef fat, glucose

**Contents:** crude protein 3 %, crude oils and fats 80 %, crude ash 2 %, moisture 1 %, glucose 14 %

#### **Direction for use:**

small dogs 1 teaspoon daily  
large dogs 2 tablespoons daily



1 teaspoon = approx. 3 g



## Stress Tablets

- ✓ calms without causing dizziness
- ✓ non addictive
- ✓ can be given long-term

This is a broad-spectrum product and is suitable for stressful situations (visits to the vet, dog shows, crowds), travelling, car journeys, nervousness (e.g. after surgery, accidents, biting dogs), separation anxiety, destructive impulse (if the animal is alone), change of location (dog boarding house, kennel), aggression, excessive anxiety (fireworks, traffic) or familiarisation with a new housemate. The high quality natural components can be divided into groups with specific functions. This multifunctional system covers a broad field of application. And all this combined in an easy to give, tasty tablet.



about 12 mm Ø

**Ingredients:** maltodextrin, cellulose, yeasts, starch (potato), winter cherry (*Withania somnifera*), valerian, lupine, rosemary, tricalcium phosphate, magnesium stearate, sodium glycolate, silicodioxide

**Contents:** crude protein 3.8 %, crude oils and fats 1.7 %, crude fibre 6.8 %, crude ash 21 %, moisture 3.5 %, calcium 1.8 %, phosphorus 1 % magnesium 7.5 %, sodium 0.01 %

**Additives:** Nutritional additives per kg (per tablet) vitamin B6 166 mg (110 µg), folic acid 30 mg (20 µg)  
 Technological additives: antioxidants with tocopherol-rich extracts of natural origin (natural vitamin E)

**Direction for use:** 1 tablet per 5 kg of body weight daily. Start giving the tablet(s) about 5 days before the expected event (trip, fireworks). Store in a cool and dry place and keep out of the reach of children.

*Withania somnifera* (winter cherry) reduces anxiousness, has a short-term calming effect · Valerian has a long-term calming effect · vitamin B complex has a general positive effect on the nervous system



# Excellence

## SENSITIVE DOG CARE

HOKAMIX

SKIN & COAT

JOINT

HEALTH

DRY FOOD

WET FOOD

### We keep up with the times – join us!

Experience, up-to-date research results and new technologies are the reason why we have no hesitation to present our new dry balanced food for dogs in its new look. We have been selling our already well-known grau-complete food for more than 20 years and have provided countless dogs with an excellent appropriate nutritional solution.

We gladly respond to the wishes and suggestions conveyed during numerous discussions with our customers – dog owners and breeders – and continue to upgrade and improve our range of products.

The **new range – grau Excellence Sensitive Dog Care** – is clearly structured and makes it easier for you to provide all dogs with nutrition that is perfectly suited to their needs. You will find that some familiar products have a new name and minor recipe enhancements. Other products are completely new. They are dedicated to effectively meet specific nutritional requirements. Here we rely on easily digestible types of poultry (chicken, turkey and duck) and lamb.

All complete food is exclusively produced for us according to our specifications. Long-term experience, well-developed cooperation with renowned manufacturers and the assurance of the best possible implementation of nutritional-physiological requirements means that you can choose the most suited for your canine friend out of the range of products now available.

**To help you find the ideal product, we have listed the available items on the right:** Please choose the most suited nutrition for your four-legged friend based first on your dog's age and then according to taste preferences or special requirements. We will be happy to help you and give you personal advice based on our knowledge and experience.

### Dry food grau

Tried, tested and well-known

### Excellence

... In a new look

**NEW**

- grau Poultry Croquettes with Rice → **ADULT Classic with Poultry**
- grau Lamb-Croquettes with Rice → **ADULT Classic with Lamb**
- grau Turkey Croquettes with Rice → **ADULT Active with Turkey**
- grau Poultry Light with Rice → **SENIOR Less Active with Poultry**
- grau Rice Mix with Vegetables → **PREMIUM-MIX Rice Mix with Vegetables**
- grau Basic Vegetable Flakes → **PREMIUM-MIX Basic Vegetable Flakes**

Optimised

### Natural, fresh and full flavour















The **Excellence dry complete foods** from grau are designed to accompany a dog during the whole of its life and to provide optimal and appropriate nutrition according to its stage of life, activity, needs or taste preferences.

### The advantages at a glance:

- ✓ We only process fresh meat meal from animals slaughtered according to EC rules which are food-grade.
- ✓ Depending on the product concerned, we mainly use rice, corn or wheat as grain.
- ✓ We also use high quality vegetables such as potatoes which we declare on the product.
- ✓ We name the raw materials contained in each product. If only one animal species and/or one type of grain is named, this product only contains this specific type.
- ✓ No artificial additives such as colouring agents, attractants or aromatic substances are used! Acceptance is assured as we only use the best ingredients!
- ✓ Short times between production, warehouse and customers always guarantee fresh products.






# Premium Balanced Food: Croquettes

PUPPY	JUNIOR MINI	JUNIOR MEDIUM	ADULT Classic	ADULT Classic	ADULT MINI	ADULT Active	ADULT Sensitive, Grain-Free	ADULT Sensitive, Cold-Pressed with Lamb	SENIOR Less Active
with Poultry	with Poultry	with Turkey	with Poultry	with Lamb	with Poultry	with Turkey	Duck with Potatoes	with Lamb	with Poultry
 Puppy	 Small breed	 Young dog	 Fully grown	 Fully grown	 Small breed	 Active	 Sensitive	 Sensitive	 Older dog
	 Growth	 Growth				 Performance	 Skin & Coat	 Cold-pressed	 Weight reduction
Crude protein 28 % Fat content 18 %	Crude protein 25 % Fat content 16 %	Crude protein 24 % Fat content 15 %	Crude protein 24 % Fat content 12 %	Crude protein 23 % Fat content 11 %	Crude protein 28 % Fat content 18 %	Crude protein 25 % Fat content 15 %	Crude protein 24 % Fat content 14 %	Crude protein 24 % Fat content 10 %	Crude protein 20 % Fat content 8 %
Digestible energy: 17.0 MJ/kg (4060 kcal/kg)	Digestible energy: 17.3 MJ/kg (4132 kcal/kg)	Digestible energy: 15.9 MJ/kg (3800 kcal/kg)	Digestible energy: 15.4 MJ/kg (3681 kcal/kg)	Digestible energy: 14.3 MJ/kg (3427 kcal/kg)	Digestible energy: 17.0 MJ/kg (4060 kcal/kg)	Digestible energy: 15.7 MJ/kg (3750 kcal/kg)	Digestible energy: 15.3 MJ/kg (3648 kcal/kg)	Digestible energy: 13.4 MJ/kg (3200 kcal/kg)	Digestible energy: 14.5 MJ/kg (3473 kcal/kg)
<ul style="list-style-type: none"> <li>✓ First solid food</li> <li>✓ With ample meat</li> <li>✓ Balanced calcium-phosphorus ratio</li> </ul>	<ul style="list-style-type: none"> <li>✓ For small breeds</li> <li>✓ Croquette shape suited to jaw size</li> <li>✓ With ample meat</li> <li>✓ Optimal amount of protein for small breeds</li> </ul>	<ul style="list-style-type: none"> <li>✓ For medium-sized to large breeds</li> <li>✓ Croquette shape suited to jaw size</li> <li>✓ With ample meat</li> <li>✓ Moderate protein quantity for larger breeds</li> </ul>	<ul style="list-style-type: none"> <li>✓ Easily digestible</li> <li>✓ Tasty</li> <li>✓ Ideal for a sensitive digestive system or intolerances against beef, lamb or gluten</li> </ul>	<ul style="list-style-type: none"> <li>✓ Easily digestible lamb</li> <li>✓ With high-quality carbohydrates</li> <li>✓ For food incompatibilities, skin and coat problems, digestive disorders</li> </ul>	<ul style="list-style-type: none"> <li>✓ Easily digestible</li> <li>✓ For small breeds</li> <li>✓ Croquette shape suited to jaw size</li> <li>✓ Optimal amount of protein for small breeds</li> </ul>	<ul style="list-style-type: none"> <li>✓ High calorie concentration</li> <li>✓ Excellent acceptance</li> <li>✓ For very agile dogs</li> <li>✓ Increased fat content suited to activity</li> </ul>	<ul style="list-style-type: none"> <li>✓ Hypo-allergenic</li> <li>✓ Selective diet</li> <li>✓ Duck as an outstanding source of protein</li> <li>✓ Source of protein suitable for certain intolerances</li> </ul>	<ul style="list-style-type: none"> <li>✓ Easily digestible</li> <li>✓ Stomach-friendly</li> <li>✓ HOKAMIX added directly</li> <li>✓ Source of protein suitable for certain intolerances</li> <li>✓ Particularly careful manufacturing process (cold-pressed)</li> </ul>	<ul style="list-style-type: none"> <li>✓ Easily digestible protein sources to relieve the decelerated metabolism</li> <li>✓ Slightly reduced protein and crude fat content to prevent overweight</li> </ul>

[www.hokamix.com](http://www.hokamix.com)

## Premium-Mix

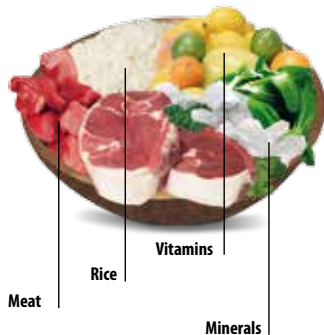
Ideal to mix with meat or canned food

<b>PREMIUM-MIX</b> Basic Vegetable Flakes	 Perfect to mix	Crude protein 9.6 % Fat content 2.8 %	<ul style="list-style-type: none"> <li>✓ Easily digestible</li> </ul>	<ul style="list-style-type: none"> <li>✓ Grain flake mixture with vegetables</li> </ul>	
<b>PREMIUM-MIX</b> Rice Mix with Vegetables	 Perfect to mix	 Weight reduction	Crude protein 9.1 % Fat content 1.9 %	<ul style="list-style-type: none"> <li>✓ For allergies and weight control</li> </ul>	<ul style="list-style-type: none"> <li>✓ Pre-cooked rice and five types of vegetables</li> </ul>

## Quality down to the last detail!

Vegetables, corn, wheat and rice are gently cleaned. Any hard to digest plant components and any dirt is sifted out and then carefully separated from the final product. Great attention is given to the production process to ensure excellent hygienic conditions in order to prevent the occurrence of mould or pathogens.

### grau-Excellence-croquette



We place great value on hands-on work when it comes to manufacturing our products. Our employees personally carry out accurate controls which particularly include the recognition of any irregular smells or undesirable visual changes. We only use the best raw materials available for the production of our croquettes containing meat.

#### Our company offers:

- ✓ The best possible environmentally-friendly hygiene in air-conditioned halls
- ✓ Regular State control of our plant
- ✓ Ongoing quality control of products with regard to germs and contamination
- ✓ Highly qualified and extremely motivated employees
- ✓ Punctual deliveries
- ✓ Honest and comprehensive answers to questions on our products
- ✓ Appropriate warehousing (no excess, no shortages)

## All for the love of animals!

We avoid any kind of additives so our products – right from the delivered raw materials – contain no attractants, colouring agents, aromatic or flavouring substances.

This fact is verified by the short shelf life of our dry food – 6 months. Our Gourmet Pots and the wet food in the Excellence range have a longer shelf-life as they are hermetically sealed and thus protected from spoilage.

You can always be assured of and rely on the high-quality and the good nutritional value of all our ingredients.



**Our balanced food is manufactured from fresh meat. As the original water content of meat is 70 %, it must be dried when manufacturing a croquette. If you calculate our dry foods as having about 10 % moisture against the actual meat portion, this means that approximately 70 % of fresh meat has been processed. In fact: the 29 % of poultry meat meal in the croquettes "Excellence Adult Classic with Poultry" (see page 35) corresponds to about 70 % fresh poultry meat.**

## grau dog food has three types:



• Balanced dry food: croquettes



• Balanced wet food: canned food



• Supplements to meat or canned food: vegetable/rice flakes and noodles



With Poultry  
**PUPPY**

*For puppies up to 5 months of age*  
• Ideally suited to the requirements of puppies



**Balanced food for dogs**

Complete food for puppies between 4 and 20 weeks of age.  
Ideal start for puppies beginning to independently eat solid food.  
Easy to chew, easily digestible, balanced calcium-phosphorus ratio.

**Ingredients:** poultry meat meal (26 %), rice meal, poultry fat (4.6 %), beef fat, maize meal, linseed oil, linseeds, dried poultry liver (1 %), monocalcium phosphate, sodium chloride · **Contents:** crude protein 28 %, crude oils and crude fats 18 %, crude fibre 2.4 %, crude ash 6.5 %, moisture 10 %, calcium 1.3 %, phosphorus 1 %

**Digestible energy:** 17.0 MJ/kg (4060 kcal/kg)

**Additives:** Please refer to the table on page 38

**Feeding recommendation (daily ration):**

month weight	2	4	6	9	12
1 kg	50 g	45 g	35 g	30 g	30 g
2 kg	85 g	75 g	65 g	55 g	50 g
5 kg	170 g	160 g	130 g	110 g	100 g
10 kg	290 g	270 g	240 g	190 g	170 g
20 kg	490 g	450 g	400 g	370 g	300 g
30 kg		600 g	550 g		

CRUDE PROTEIN	FAT CONTENT
<b>28%</b>	<b>18%</b>



Photo provided by: baamar



**Feeding recommendation (daily ration):**

month weight	2	4	6	9	12
1 kg	55 g	45 g	35 g	30 g	30 g
2 kg	90 g	75 g	65 g	55 g	50 g
5 kg	170 g	160 g	130 g	100 g	105 g
10 kg	290 g	270 g	240 g	190 g	170 g



**Feeding recommendation (daily ration):**

month weight	2	4	6	9	12	15
1 kg	50 g	45 g				
2 kg	85 g	75 g				
5 kg	173 g	158 g	130 g	103 g		
10 kg	297 g	266 g	242 g	194 g		
20 kg	489 g	448 g	407 g	367 g	480 g	
30 kg		607 g	552 g	497 g	650 g	580 g
40 kg			685 g	617 g	730 g	750 g
50 kg				729 g	850 g	900 g

With Poultry

**JUNIOR MINI**

*For young dogs – smaller breeds – from 4 months of age*

- Protein and fat content adjusted to their growth
- Croquette size suitable for small breeds



**Balanced food for dogs**

Balanced complete food for growing dogs from 4 months of age (adult weight about 10 kg). Small croquettes which are suitable for the jaw size and appropriate until the end of the growth phase. Easily digestible and tasty.

**Ingredients:** poultry meat meal (26 %), rice meal, maize meal, wheat flour, poultry fat (4.6 %), beef fat, barley meal, linseed oil, linseeds, dried poultry liver (1 %), monocalcium phosphate, sodium chloride · **Contents:** crude protein 25 %, crude oils and crude fats 16 %, crude fibre 2.4 %, crude ash 5.6 %, moisture 10 %, calcium 1 %, phosphorus 0.8 %

**Digestible energy:** 7.3 MJ/kg (4132 kcal/kg)

**Additives:** Please refer to the table on page 38

<b>CRUDE PROTEIN</b>	<b>FAT CONTENT</b>
<b>25%</b>	<b>16%</b>

With Turkey

**JUNIOR MEDIUM**

*For young dogs – medium-sized breeds – from 4 months of age*

- Protein and fat content adjusted to their growth
- Croquette size suitable for medium-sized breeds



**Balanced food for dogs**

Complete food for growing dogs from 4 months of age (adult weight over 15 kg). Crunchy croquettes adjusted to the jaw size are appropriate until the end of the growth phase. Easily digestible, ensures moderate growth and a stable musculoskeletal system.

**Ingredients:** turkey meat meal (26 %), rice meal, potatoes, poultry fat (4.6 %), dried beet slices, carob flour, salmon oil, yeasts, lecithin, chondroitin sulphate, glucosamine, monocalcium phosphate, sodium chloride · **Contents:** crude protein 24 %, crude oils and crude fats 15 %, crude fibre 2.5 %, crude ash 5.5 %, moisture 9.5 %, calcium 1.4 %, phosphorus 1 %

**Digestible energy:** 15.9 MJ/kg (3800 kcal/kg)

**Additives:** Please refer to the table on page 38

<b>CRUDE PROTEIN</b>	<b>FAT CONTENT</b>
<b>24%</b>	<b>15%</b>



With Poultry

## ADULT Classic

- Balanced complete food in the poultry range
- With high-quality carbohydrates



### Balanced food for dogs

Easily digestible, tasty complete food for adult dogs. Ideal for sensitive digestive systems or intolerances against beef, lamb, fish or gluten.

**Ingredients:** poultry meat meal (29 %), maize meal, rice meal, dried beet slices, poultry fat (6 %), poultry protein, hydrolysed (2.9 %), maize protein, sodium chloride, chicory powder, potassium chloride

**Contents:** crude protein 24 %, crude oils and crude fats 12 %, crude fibre 3 %, crude ash 6.7 %, moisture 9 %, calcium 1.25 %, phosphorus 0.95 %

**Digestible energy:** 15.4 MJ/kg (3,381 kcal/kg)

**Additives:** Please refer to the table on page 38

### Feeding recommendation:

weight	daily ration	weight	daily ration
1–3 kg	30–60 g	25–30 kg	290–340 g
3–5 kg	60–100 g	35–40 kg	380–430 g
5–10 kg	100–165 g	45–55 kg	460–510 g
10–15 kg	165–200 g	60–80 kg	560–680 g
15–20 kg	200–260 g		

CRUDE PROTEIN  
24%

FAT CONTENT  
12%



Photo provided by: baamar



Photo provided by: baamar



With Lamb

## ADULT Classic

- Balanced complete food in the lamb range
- With high-quality carbohydrates



### Balanced food for dogs

Lamb, rice and potatoes are the ideal solution for food intolerances, skin and coat problems or digestive disorders. Already suitable as a balanced complete food from 4 months of age.

**Ingredients:** rice meal, lamb meat meal (26 %), potato flakes, poultry fat, egg powder, yeasts, powder cellulose, salmon oil, lecithin, glucosamine, chondroitin sulphate, monocalcium phosphate, sodium chloride · **Contents:** crude protein 23 %, crude oils and crude fats 11 %, crude fibre 3 %, crude ash 6.5 %, moisture 9 %, calcium 1.5 %, phosphorus 1 % **Digestible energy:** 14.3 MJ/kg (3427 kcal/kg)

**Additives:** Please refer to the table on page 38

### Feeding recommendation:

weight	daily ration	weight	daily ration
1–3 kg	30–60 g	25–30 kg	270–330 g
3–5 kg	60–90 g	35–40 kg	360–410 g
5–10 kg	90–150 g	45–55 kg	450–510 g
10–15 kg	150–200 g	60–80 kg	550–680 g
15–20 kg	200–245 g		

CRUDE PROTEIN	FAT CONTENT
23%	11%



With Poultry

## ADULT MINI

For small-breed dogs

- Balanced complete food in the poultry range
- Croquette size suitable for small breeds



**Balanced food for dogs**

Easily digestible, tasty complete food specially adjusted to the needs of smaller dogs. Small croquettes adjusted to the jaw size.

**Ingredients:** poultry meat meal (26 %), rice, beef fat, poultry fat (11 %), maize, rice meal, linseed oil, linseeds, dried poultry liver (0.4 %), monocalcium phosphate, sodium chloride · **Contents:** crude protein 28 %, crude oils and crude fats 18 %, crude fibre 2.4 %, crude ash 6.5 %, moisture 10.0 %, calcium 1.3 %, phosphorus 1.0 %

**Digestible energy:** 17 MJ/kg (4060 kcal/kg)

**Additives:** Please refer to the table on page 38

CRUDE PROTEIN	FAT CONTENT
28%	18%

**Feeding recommendation:**

weight	daily ration	weight	daily ration
1 kg	35–50 g	6 kg	120–135 g
2 kg	60–70 g	7 kg	135–150 g
3 kg	80–90 g	8 kg	150–160 g
4 kg	100–110 g	9 kg	160–175 g
5 kg	110–120 g	10 kg	175–195 g



With Turkey

## ADULT Active

- For sport / performance
- Rice as a source of carbohydrates
- High calorie density



**Balanced food for dogs**

Tasty complete food for dogs with a high energy requirement. These include, e.g. sports, agility or guard dogs but also animals with a low body weight after an illness, after a litter or due to increased stress.

**Ingredients:** turkey meat meal (26 %), rice meal, potatoes, poultry fat (4.6 %), dried beet slices, carob flour, salmon oil, yeasts, Lecithin, chondroitin sulphate, glucosamine, monocalcium phosphate, sodium chloride · **Contents:** crude protein 25 %, crude oils and crude fats 15 %, crude fibre 2.5 %, crude ash 5.5 %, moisture 9.0 %, calcium 1.2 %, phosphorus 1.0 %

**Digestible energy:** 15.7 MJ/kg (3750 kcal/kg)

**Additives:** Please refer to the table on page 38

CRUDE PROTEIN	FAT CONTENT
25%	15%

**Feeding recommendation:**

weight	daily ration	weight	daily ration
1–3 kg	30–60 g	25–30 kg	290–330 g
3–5 kg	60–90 g	35–40 kg	380–410 g
5–10 kg	90–150 g	45–55 kg	460–520 g
10–15 kg	150–200 g	60–80 kg	550–680 g
15–20 kg	200–245 g		



## Duck with Potatoes

**ADULT** Sensitive, Grain-Free

- Hypoallergenic
- Exceptional source of protein
- Selective diet


**Balanced food for dogs**

This complete food is an excellent alternative for dogs with intolerances against various common food components. Duck and potatoes are suitable raw materials delivering an exceptional source of protein and carbohydrates and are ideal to feed dogs with a sensitive skin or stomach.

**Ingredients:** potato flakes (43 %), duck meat meal (25 %), poultry fat, dried beet slices, potato protein (5 %), carob flour, poultry protein, hydrolysed, yeasts, chicory powder, sodium chloride · **Contents:** crude protein 24 %, crude oils and crude fats 14 %, crude fibre 3.3 %, crude ash 8.1 %, moisture 9 %, calcium 1.36 %, phosphorus 0.9 %

**Digestible energy:** 15.3 MJ/kg (3648 kcal/kg)

**Additives:** Please refer to the table below

**Feeding recommendation:**

weight	daily ration	weight	daily ration
1–3 kg	30–60 g	25–30 kg	290–330 g
3–5 kg	60–90 g	35–40 kg	380–410 g
5–10 kg	90–140 g	45–55 kg	460–510 g
10–15 kg	140–200 g	60–80 kg	555–690 g
15–20 kg	200–240 g		

CRUDE PROTEIN	FAT CONTENT
24%	14%

Additives	PUPPY With Poultry	JUNIOR MINI With Poultry	JUNIOR MEDIUM With Turkey	ADULT Classic With Poultry	ADULT Classic With Lamb	ADULT MINI With Poultry	ADULT Active With Turkey	ADULT Sensitive, Grain-Free Duck with Potatoes	ADULT Sensitive, Cold-Pressed* With Lamb	SENIOR Less Active With Poultry
<b>Nutritional additives per kg:</b>										
Vitamin A	14000 IE	14000 IE	20000 IE	17000 IE	20000 IE	14000 IE	20000 IE	15000 IE	18000 IE	18000 IE
Vitamin D3	1800 IE	1850 IE	2000 IE	1700 IE	2000 IE	1800 IE	2000 IE	1500 IE	1800 IE	1800 IE
Vitamin E	150 mg	100 mg	90 mg	200 mg	90 mg	150 mg	90 mg	190 mg	60 mg	400 mg
Iron as iron-(II)-sulphate (monohydrate)	71 mg	71 mg	50 mg	200 mg	50 mg	71 mg	50 mg	180 mg	90 mg	200 mg
Manganese as manganese-(II)-oxide	26 mg	26 mg	35 mg	16 mg	35 mg	26 mg	35 mg	16 mg	58 mg	16 mg
Copper as copper-(II)-sulphate (pentahydrate)	12 mg	12.5 mg	5 mg	-	5 mg	12 mg	5 mg	-	5 mg	-
Copper as glycine copper chelate (hydrate)	-	-	-	20 mg	-	-	-	20 mg	-	20 mg
Zinc as zinc-sulphate (monohydrate)	125 mg	125 mg	65 mg	-	65 mg	125 mg	65 mg	-	-	-
Zink as glycine zinc chelate (hydrate)	-	-	-	160 mg	-	-	-	160 mg	-	160 mg
Zinc as zinc oxide	-	-	-	-	-	-	-	-	90 mg	-
Iodine as potassium iodate, water-free	1.3 mg	1.2 mg	1.5 mg	2 mg	1.5 mg	1.3 mg	1.5 mg	2 mg	2 mg	2 mg
Cobalt as cobalt(II)-sulphate (heptahydrate)	1.8 mg	1.8 mg	0.5 mg	-	0.6 mg	1.8 mg	0.5 mg	-	2.4 mg	-
Selenium as sodium selenite	0.3 mg	0.2 mg	-	0.25 mg	-	0.3 mg	-	0.25 mg	0.18 mg	0.25 mg

Technological additives: Antioxidants: tocopherol-rich extracts of natural origin (natural vitamin E).  
 \* Additional: ascorbil palmitate, (esters of fatty acids of ascorbic acid, fat-soluble vitamin C)



With Lamb

## ADULT Sensitive, Cold-Pressed

- Stomach-friendly
- Easily digestible
- Special manufacturing process



### Balanced food for dogs

This easily digestible complete food for adult dogs is cold-pressed. The special manufacturing process preserves vitamins, amino acids and other valuable ingredients. The carefully selected sources of protein and carbohydrates as well as the familiar mixture of herbs HOKAMIX ensures vitality and well-being. It is particularly suited for dogs with skin and coat problems or with a sensitive gastrointestinal system.

[www.hokamix.com](http://www.hokamix.com)

### Feeding recommendation:

weight	daily ration	weight	daily ration
1-3 kg	25-30 g	25-30 kg	380-450 g
3-5 kg	50-100 g	35-40 kg	500-580 g
5-10 kg	100-180 g	45-55 kg	600-680 g
10-15 kg	180-270 g	60-80 kg	700-800 g
15-20 kg	270-380 g		

**Ingredients:** lamb meat meal (15 %), potato flour, maize meal, rice meal, topinambur, dried beet slices, beef fat, fish meal, whey powder, sunflower seeds, sunflower oil, herbal mix (HOKAMIX), linseed, calcified seaweed, brewers' yeast, haemoglobin, whiting, lecithin, monocalcium phosphate

**Contents:** crude protein 24 %, crude oils and crude fats 10 %, crude fibre 4 %, crude ash 6.9 %, moisture 10 %, calcium 1.6 %, phosphorus 0.8 %

**Digestible energy:** 13.4 MJ/kg (3381 kcal/kg)

**Additives:** Please refer to the table on page 38

CRUDE PROTEIN	FAT CONTENT
24%	10%



Photo provided by: baamar



## Optimal nutrition for the older dog

### Older companions place special needs on their nutrition

Once your dog gets old, he deserves all the support to counteract the onset of age-related ailments. The daily food is the basis for his optimal care and should be adjusted to the changed needs of your precious pet.

### Our recommendation for feeding from 6 years of age:

The most important thing now is to consider the slightly decreased metabolism and the declining effectiveness of some organ systems.

- ✓ By choosing fat-reduced complete food you will prevent your dog from becoming overweight
- ✓ Reduced protein intake relieves liver and kidneys
- ✓ Highly digestible raw materials (meats) are easy to break down and better suited for senior dogs than food from plant sources
- ✓ Chemical additives would have to be processed by the kidneys and liver and should therefore not be included in the food

Complete balanced food for seniors could consist of:

- Dry food (below)
- Wet food (see page 47)

**Sensible food supplements for older dogs:**

- **HOKAMIX Joint+** has a positive impact on the metabolism and supports the musculoskeletal system.
- **Synpet joint liquid** reduces inflammations and promotes mobility

📖 Chapter on joints see page 22



With Poultry

## SENIOR

- For low activity
- For weight control
- For older dogs
- With high-quality carbohydrates
- Low fat content



### Balanced food for dogs

Tasty complete food with reduced egg white and fat content. Ideal for senior dogs or weight reduction in cases of obesity. Chicory ensures a good feeling of fullness.

**Ingredients:** maize meal, poultry meat meal (24.2 %), rice meal, dried beet slices, poultry protein, hydrolysed (2.9 %), poultry fat (2.3 %), sodium chloride, chicory powder, potassium chloride, mollusc flesh meal

**Contents:** crude protein 20 %, crude oils and crude fats 8 %, crude fibre 3 %, crude ash 6.5 %, moisture 9 %, calcium 0.95 %, phosphorus 0.75 %

**Digestible energy:** 14.5 MJ/kg (3473 kcal/kg)

**Additives:** Please refer to the table on page 38

### Feeding recommendation:

weight	daily ration	weight	daily ration
1-3 kg	30-60 g	25-30 kg	300-360 g
3-5 kg	60-110 g	35-40 kg	400-450 g
5-10 kg	110-170 g	45-55 kg	470-520 g
10-15 kg	170-210 g	60-80 kg	590-680 g
15-20 kg	210-280 g		

CRUDE PROTEIN	FAT CONTENT
20%	8%



**Feeding recommendation:**

body weight	quantity*	body weight	quantity*
5 kg	75–100 g	30 kg	450–600 g
10 kg	150–200 g	40 kg	600–700 g
15 kg	225–300 g	50 kg	650–750 g
20 kg	300–400 g	80 kg	750–800 g

\* Overall quantity Basic Vegetable Flakes and meat

**PREMIUM-MIX**

**Basic Vegetable Flakes**

*Ideal to mix with meat or canned food*

- Grain flake mixture with vegetables
- Easily digestible



**Food supplement for dogs**

For active dogs of any age. The flakes enhance the menu and make it easy to create a ration.

**Ingredients:** maize (58 %), wheat (38 %), rice (1 %), leek, carrots, kale, white cabbage, spinach (vegetables 3 %)

**Contents:** crude protein 9.6 %, crude ash 1.4 %, fat content 2.8 %, crude fibre 2.5 %, crude ash 1.4 %, moisture 13.6 %, calcium 0.04 %, phosphorus 0.30 %

**Digestible energy:** 11.0 MJ/kg (2620 kcal/kg)

CRUDE PROTEIN  
**9.6%**

FAT CONTENT  
**2.8%**



**Feeding recommendation:**

body weight	quantity*	body weight	quantity*
5 kg	75–100 g	30 kg	450–600 g
10 kg	150–200 g	40 kg	600–700 g
15 kg	225–300 g	50 kg	650–750 g
20 kg	300–400 g	80 kg	750–800 g

\* Overall quantity Rice Mix with Vegetables and meat

**PREMIUM-MIX**

**Rice Mix with Vegetables**

*Ideal to mix with meat or canned food*

- Pre-cooked rice and five types of vegetables (carrots, leek, kale, spinach, white cabbage)
- In case of allergies
- Weight control



**Food supplement for dogs**

Particularly for sensitive dogs of any age. Rice as the sole source of grain and easily digestible vegetables make it possible to create a tasty, special (bland) diet. The special requirements relating to age, skin or weight problems can be addressed by varying the meat content. Young dogs need ample animal protein, whereby older animals or those with skin irritations or excessive weight need considerably less.

**Ingredients:** rice flakes (opened, 97 %), carrots, leek, kale, spinach, white cabbage (Vegetable 3 %)

**Contents:** crude protein 9.1 %, fat content 1.9 %, crude fibre 8.1 %, crude ash 0.8 %, moisture 12.8 %, calcium 0.12 %, phosphorus 0.88 %

**Digestible energy:** 16.5 MJ/kg (3935 kcal/kg)

CRUDE PROTEIN  
**9.1%**

FAT CONTENT  
**1.9%**

## SPECIAL FOOD (perfect to mix)

HOKAMIX

SKIN & COAT

JOINT

HEALTH

DRY FOOD

WET FOOD



**Improved  
 recipe!**

### grau Noodle Mix Pasta+

*Pre-cooked noodles with vegetables. Ideal to mix with meat or canned food*

- ✓ In combination with feeding meat
- ✓ Pre-cooked
- ✓ Tasty

#### Recommended preparation:

Put the prescribed quantity of grau Noodle Mix Pasta+ into a feeding bowl, add some slightly warm (not boiling) water and let it soak for about 10 minutes.

grau Noodle Mix Pasta+ is then "al dente". Then mix it with the required quantity of fresh or tinned meat or fish and give it to your dog. If your dog does not like this crispy food, you can let grau Noodle Mix Pasta+ soak for up to 30 minutes.

Please always provide fresh water – not too cold!

#### Food supplement for dogs

grau Noodle Mix Pasta+ is especially developed by nutritional specialists as a food supplement to fresh or canned meat or fish as an excellent additional source of carbohydrates for dogs. grau Noodle Mix Pasta+ is easily digestible for animals and an ideal change to their daily menu.

**Ingredients:** durum wheat semolina, tomato powder, spinach powder, may contain traces of egg

**Contents:** crude protein 12 %, fat content 1.5 %, crude fibre 3.4 %, crude ash 0.8 %, moisture 13 %, calcium 0.02 %, phosphorus 0.13 %  
 Digestible energy: 2973 kcal/kg

**Recommended feeding quantity:**  
 see page 43



**Gluten-free**

These blanched potato flakes are a valuable enrichment to a dog's daily food ration.

### Potato flakes (Solanum tuberosum)

*Ideal to mix with meat or canned food*

#### Food supplement for dogs

In comparison to other types of vegetables, potatoes have the largest share of utilisable protein. Apart from that, they include plenty of roughage and thus support a desired weight loss.

**Valuable ingredients:** carbohydrates (starch), protein, fat, roughage, sodium, potassium, calcium, phosphorus, vitamin B1, vitamin B2, vitamin C



**Special properties:** A large portion of utilisable protein, natural fibres for weight reduction, easily digestible, gluten-free.

**Recommended feeding quantity:**  
 see page 43



**Tip:** based on their solanine content, potatoes must not be fed raw.

## General feeding recommendation grau mixed food

For fully grown dogs Body weight	Recommended feeding quantity g/day
 5 kg	75–100
10 kg	150–200
 15 kg	225–300
20 kg	300–400
 30 kg	450–600
40 kg	600–700
 50 kg	650–750
80 kg	750–800

**Easy to calculate the daily food quantity:** 15 g to 20 g food (flakes or noodles plus meat) per kg of the dog's body weight.

We are always happy to offer advice on the choice of meat content and meat type that is best suited for the age, constitution or dietary problems of your four-legged friend.

As a guideline for quantity, you can use the chart to determine the mix-ratio. You will find the overall quantity of each food ration in the table.

### Young and performance dogs

2/3 meat and  
1/3 flakes  
or  
1/3 noodles



### Dogs with normal activity

1/2 meat and  
1/2 flakes  
or  
1/2 noodles



### For older dogs preferably

1/3 meat and  
2/3 flakes  
or  
2/3 noodles



Photo provided by: J. Bywaletz

# BARF (Biologically Appropriate Raw Food)

## Do you feed your dog raw food?

Then combine fresh meat with our mixed food and perfect the ration with effective food supplements.

### Raw food



### Mixed food



### Food supplements



*"If a dog has to adapt to eating raw food, this must absolutely be done slowly and step by step. It must never been done abruptly. Although the dog's digestive tract – for the most part – is similar to that of its ancestors living in the wild, it has adjusted to the food provided over longer periods of time. Essentially, the required balance when choosing the composition of food for personally prepared uncooked food depends on the dog owners' level of information. Today, owners already have a wide range of relevant sources to choose from. (specialist book shops, Internet etc.)"*

(Source: Martin Buksch in the magazine "hundkatzeperferd" 1/2009 page 34)

#### **Premium-Mix Rice Mix with Vegetables**

- ✓ Tasty, precooked rice
- ✓ Selected sources of carbohydrates
- ✓ Ideal as a light diet

📖 page 41

or

#### **Premium-Mix Basis-Vegetable-Flakes**

- ✓ Easily digestible
- ✓ Flake additional food
- ✓ Maize, rice, wheat and vegetable

📖 page 41

or

#### **grau Noodle Mix Pasta+**

- ✓ Easily digestible
- ✓ Pre-cooked noodles
- ✓ Made of durum wheat flour with spinach- and tomatopowder

📖 page 42

or

#### **grau Potato Flakes**

- ✓ Large share of utilisable protein
- ✓ Ample roughage
- ✓ Easily digestible
- ✓ Gluten-free

📖 page 42

#### **BARF KombiMix**

- ✓ Makes it easier to feed meat
- ✓ "That little something extra"

📖 page 46

#### **In addition, we recommend**

##### **HOKAMIX Powder**

- ✓ Balanced mixture 30 selected medicinal herbs
- ✓ Nutritional catalyst which ensures that the body excretes its waste matter

📖 page 8

and/or

##### **HOKAMIX Skin & Shine**

- ✓ Oil from cold pressed American and African nuts
- ✓ High portion of unsaturated fatty acids

📖 page 12

and/or

##### **Calcium Plus**

- ✓ Ideal calcium supply when feeding raw meat
- ✓ Correct portions suitable for rationed feeding

📖 page 46

## Numerous ingredients to enrich the menu:

All these products are natural and without additives and are of food-grade. Due to dehydration, the average shelf life is about 2 years. 1 g of dried vegetables corresponds to about 10 g of fresh produce. Colour deviations due to different harvesting periods, etc. are possible but do not indicate a quality defect.



### Vegetable Mix No. 1

**Ingredients:** carrots, cabbage, leek, green beans

**Contents:** crude protein 11.7 %, crude oils and crude fats 1.9 %, crude fibre 8.3 %, crude ash 7.2 %, moisture 8.5 %, calcium 0.24 %, phosphorus 0.27 %



### Beetroot cubes

(Beta vulgaris subsp. vulgaris var. conditiva)

**Valuable ingredients:** abundant carbohydrates, little fat, valuable amino-acids, vitamins, minerals

**Special properties:** general energising, appetising vegetables, high iron content intended to strengthen the immune system.



### Vegetable Mix No. 2

**Ingredients:** carrots, beetroot, courgettes, parsnip

**Contents:** crude protein 11.9 %, crude oils and fats 1.9 %, crude fibre 18.6 %, crude ash 6.40 %, moisture 8.5 %, calcium 0.23 %, phosphorus 0.33 %



### Potato Flakes

(Solanum tuberosum)

**Valuable ingredients:** carbohydrates (starch), protein, fat, roughage, sodium, potassium, calcium, phosphorus, vitamin B1, vitamin B2, vitamin C

**Special properties:** a large portion of utilisable protein, ample roughage, easily digestible, gluten-free



### Vegetable Mix No. 3

**Ingredients:** broccoli, carrots, celery, spinach

**Contents:** crude protein 18.1 %, crude oils and fats 1.8 %, crude fibre 18.1 %, crude ash 8.8 %, moisture 8.5 %, calcium 0.56 %, phosphorus 0.43 %



### Parsnip cubes

(Pastinaka sativa)

**Valuable ingredients:** carbohydrates, roughage, vitamins, folic acid, calcium, iron, potassium, magnesium, manganese, phosphorus, zinc

**Special properties:** parsnips are especially easily digestible. They are often used in baby foods due to their digestibility.



### Carrot cubes

(Daucus carota ssp. sativus)

**Valuable ingredients:** alpha-carotene and beta-carotene, essential oils, iron, B-vitamins, folic acid, magnesium, calcium, phosphorus, pectin

**Special properties:** Bland diet beta-carotene and vitamin A support eyes, skin and hair. Carrots can help reduce diarrhoea.

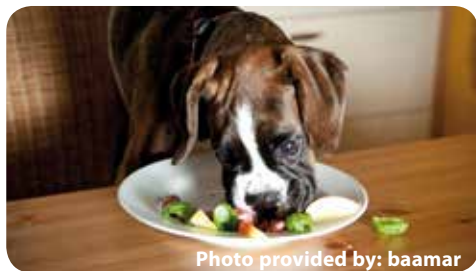


Photo provided by: baamar

## BARF (Biologically Appropriate Raw Food)



### Calcium Plus

**Ingredients:** red algae limestone (lithothamnium calcareum, dried and ground)

**Contents:** crude protein 0.3 %, crude oils and crude fat 0.4 %, crude fibre 2.1 %, crude ash 93.5 %, moisture 1 %

**Ingredients of crude ash:** calcium 32 %, phosphorus 0.08 %, potassium 0.43 %, magnesium 2.2 %

**Special properties:** Ideal for the calcium supply for raw meat feeding. Calcium Plus contains 300 mg

Calcium in 1 g of powder.

**Directions for use:**

adult dogs with a body weight  
of 10 kg                      about 3 g/day  
20 – 40 kg                about 6 g – 12 g/day  
more than 40 kg        about 15 g/day



### Rosehip fines (vitamin C)

(Rosa Canina)

**Contents:** crude protein 8.2 %, crude fibre 13.6 %

**Special properties:** Particularly when feeding the BARF method, the rosehip can contribute to an optimal vitamin C supply. No overdose is expected as vitamin C is water-soluble.

**Directions for use:**

small breeds up to 10 kg  
1/2 teaspoon  
medium-sized breeds 10 kg – 20 kg  
1 teaspoon  
large breeds 20 kg – 40 kg  
1 – 1.5 teaspoons  
Very large breeds > 40 kg  
1.5 – 2 teaspoons



A 2 g measuring spoon is included in the packaging.

### BARF KombiMix

**Ingredients:** linseed, rice bran, seaweed (ascophyllum), herbs, algae (spirulina, chlorella), apple powder

**Contents:** crude protein 20.1 %, fat content 12.8 % (unsaturated fatty acids 84.5 %, of which Omega-3-FA\* 41.8 %, Omega-6-FA\* 16.5 %, Omega-9-FA\* 24.7 %), crude fibre 5 %, crude ash 18.8 %, moisture 8.1 %, sodium 1.4 %, magnesium 0.54 %, phosphorus 0.45 %, potassium 1.3 %, calcium 3.8 %

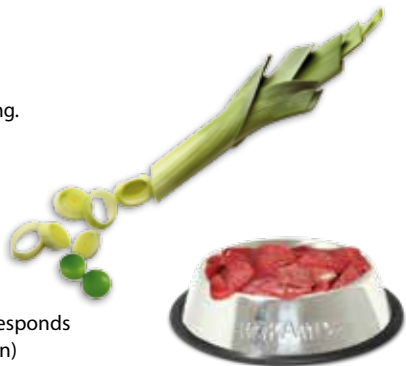
**Special properties:** Facilitates meat feeding, gives the BARF menu "that little something extra".

**Directions for use:**

small dogs up to 5 kg                      5 g/day  
dogs between 5 kg and 10 kg            10 g/day  
dogs between 10 kg and 50 kg        15 g/day  
dogs over 50 kg                              25 g/day

A 5 g measuring spoon is included in the packaging.

\* FA = fatty acids



## Feeding Recommendations

**Total ration:** Total ration: 2 – 4 % of the dog's body weight corresponds to about 20 g – 40 g/kg body weight (meat and vegetables/grain)

**Recommended rationed feeding:** (according to S. Reinert and S. Simon): 80 % meat + 20 % vegetables (at least 3 varieties) or 70 % meat + 30 % vegetables + grain (with maximum 10 % grain)

**Requirement:** The final food ration depends on many individual factors such as age, temperament, constitution and activities. It should always be carried out individually and flexibly.

**For Example:** A dog with 20 kg body weight get 400 g – 600 g of food. 320 g – 480 g of fresh meat with 80 g – 120 g vegetables. A drying factor of 1:10 is used, 8 g – 12 g of dried vegetables needs to be soaked (about 10 minutes) in a little lukewarm water.

## Gourmet Pots (DST)

### Beef with Whole Grain Rice

*pure, ideal for dogs with allergies*



**Ingredients:** meat and innards (at least 68 % beef), cereal (whole grain rice at least 5 %), broth, calcium carbonate

**Analytical ingredients:** crude protein 11.8 %, crude oils and fats 6.5 %, crude fibre 0.2 %, crude ash 1.5 %, moisture 77 %, calcium 0.3 %, phosphorus 0.25 %

Digestible energy: 123 kcal/100 g

**Additives:** Please refer to the table

### Lamb with Whole Grain Rice

*pure, ideal for dogs with allergies*



**Ingredients:** meat and innards (at least 70 % lamb), cereal (whole grain rice at least 4 %), broth, calcium carbonate

**Analytical ingredients:** crude protein 11 %, crude oils and fats 6.5 %, crude fibre 0.2 %, crude ash 1.8 %, moisture 77 %, calcium 0.3 %, phosphorus 0.25 %

Digestible energy: 122 kcal/100 g

**Additives:** Please refer to the table

### Turkey with Whole Grain Rice

*pure, ideal for dogs with allergies*



**Ingredients:** meat and innards (at least 70 % turkey), cereal (whole grain rice at least 4 %), broth, calcium carbonate

**Analytical ingredients:** crude protein 11 %, crude oils and fats 6.2 %, crude fibre 0.2 %, crude ash 2.2 %, moisture 77 %, calcium 0.3 %, phosphorus 0.25 %

Digestible energy: 119 kcal/100 g

**Additives:** Please refer to the table

### Additives (Applies to all varieties)

#### Nutritional additives per kg

Vitamin A	2.000 IE
Vitamin D3	200 IE
Vitamin E (alpha-tocopheryl-acetate)	25 mg
Zinc as zinc-sulphate (monohydrate)	0.8 mg
Manganese as manganese-(II)-sulphate (monohydrate)	0.3 mg
Iodine as potassium iodide	0.1 mg

#### Technological additives per kg

cassia-gum	1,200 mg
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#### cassia-gum

is the flour of the seeds of cassia tora and cassia obtusifolia, pure natural and unchanged. It is an emulsifier to mix and stabilise fat and broth. It is NOT a binding agent but rather belongs to the category of emulsifiers and gelling agents. It is used to strengthen the consistency and ensure that the fat and water content – which normally do not mix – form a homogenous mass.

High-quality product  
Without artificial  
colourants or attractants  
Without soy proteins

## BASIC DOG CARE

### Game, vegetables, noodles

exclusive source of protein, alternative source of carbohydrates



**Ingredients:** meat and innards (at least 64 % game), noodles (at least 4 %), vegetables at least 4 % carrots), broth, calcium carbonate

**Analytical ingredients:** crude protein 11.5 %, crude oils and fats 6 %, crude fibre 0.3 %, crude ash 1.8 %, moisture 77 %, calcium 0.3 %, phosphorus 0.25 %

Digestible energy: 119 kcal/100 g

**Additives:** Please refer to the table on page 47

### Beef with Poultry

pure meat enjoyment



**Ingredients:** meat and innards (at least 47 % beef, at least 25 % poultry), broth, calcium carbonate

**Analytical ingredients:** crude protein 11.6 %, crude oils and fats 6 %, crude fibre 0.2 %, crude ash 2 %, moisture 77 %, calcium 0.3 %, phosphorus 0.25 %

Digestible energy: 119 kcal/100 g

**Additives:** Please refer to the table on page 47

### Poultry with Whole Grain Rice

easy to digest



**Ingredients:** meat and innards (at least 70 % poultry), cereal (whole grain rice at least 4 %), broth, calcium carbonate

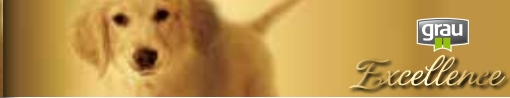
**Analytical ingredients:** crude protein 11.5 %, crude oils and fats 6 %, crude fibre < 0.2 %, crude ash 2 %, moisture 77 %, calcium 0.3 %, phosphorus 0.25 %

Digestible energy: 118 kcal/100 g

**Additives:** Please refer to the table on page 47



Photo provided by:123RF



# Excellence

Super-Premium Dog Food



## The special features of the Excellence types



**Gluten intolerance:** In this case the body reacts over-sensitively to sticky storage proteins (gluten) which are evident in different kinds of grain (especially in wheat). This results in a difficult uptake of nutrients as the gluten causes inflammations of the mucosa of the small intestine.



**Hypoallergenic** means "low sensitivity potential" or "does not contain substances with known allergenic potential".



**L-carnitine** is a natural occurring, chemical compound derived from the amino acids lysine and methionine. It is mainly found in red meat, in particular in mutton and lamb. L-carnitine supports the transport and burning of fatty acids and reduces the strain on the liver. It is very important for maintaining performance and the energy metabolism.

## PUPPY



**Beef, poultry, millet with safflower oil** (finely minced)



72% fresh meat

- fine consistency
- perfect first solid food after weaning
- perfect for puppies as from 6 weeks of age, afterwards change to Junior
- perfect for smaller breeds puppies until the end of their growth period
- high percentage of human food quality fresh meat (at least 72 %)
- gluten-free millet (at least 2 %), optimal vitamin-E content
- safflower oil provides essential, unsaturated fatty acids

**Ingredients:** beef and poultry meat as well as innards (a total of at least 72 %, contains at least 36 % beef, contains at least 36 % poultry, consisting of meat, liver, heart, stomach, rumen, lungs), broth, millet (at least 2 %), safflower oil (0.5 %), calcium carbonate

**Analytical ingredients and additives:** Please refer to the table on page 51

Digestible energy: 122 kcal/100 g



**Our tip:** The variety "Puppy" is intended to be a balanced food as from 6 weeks of age but you can support and introduce the transition from breast milk to solid food by adding little quantities from an even younger age.



## JUNIOR



**Beef, Poultry, Millet with Safflower Oil**



72% fresh meat

- high percentage of human food quality fresh meat (at least 72 %)
- very easy to digest
- gluten-free millet (at least 2 %), optimal vitamin-E content
- safflower oil provides essential, unsaturated fatty acids

**Ingredients:** beef and poultry meat as well as innards (a total of at least 72 %, contains at least 36 % beef, contains at least 36 % poultry, consisting of meat, liver, heart, stomach, rumen, lungs), broth, millet (at least 2 %), safflower oil (0.5 %), calcium carbonate

**Analytical ingredients and additives:** Please refer to the table on the right  
Digestible energy: 122 kcal/100 g

## ADULT



**Beef, Poultry with 4 Different Vegetables**



70% fresh meat

- high percentage of human food quality fresh meat (at least 70 %)
- easily digestible, vitamin-rich vegetables (at least 2 %)

**Ingredients:** beef and poultry meat as well as innards (overall at least 70 %, contains at least 35 % beef, contains at least 35 % poultry consisting of meat, liver, heart, stomach, rumen, lungs), vegetables (at least 2 %, broccoli, spinach, potatoes, parsnip, each 0.5 %), broth, calcium carbonate

**Analytical ingredients and additives:** Please refer to the table on the right  
Digestible energy: 115 kcal/100 g

## ADULT



**Salmon & Potatoes**



72% fresh salmon

- contains only human food quality fresh salmon (at least 72 %)
- hypoallergenic
- very easy to digest
- exclusively potatoes (at least 8 %)

**Ingredients:** salmon (at least 72 %), fish broth (from salmon), potatoes (at least 8 %), calcium carbonate

**Analytical ingredients and additives:** Please refer to the table on the right  
Digestible energy: 117 kcal/100 g

## ADULT



**Pure Poultry**



72% fresh meat

- exclusively human food quality fresh poultry meat (at least 72 %)
- hypoallergenic
- very easy to digest

**Ingredients:** poultry (at least 72 %, contains meat, liver, heart, stomach), broth calcium carbonate

**Analytical ingredients and additives:** Please refer to the table on the right  
Digestible energy: 116 kcal/100 g



- exclusively contains human food quality fresh lamb (at least 72 %)
- hypoallergenic
- very easy to digest

**Ingredients:** Lamb (at least 72 %, contains meat, liver, heart, stomach, rumen, lung), broth, calcium carbonate

**Analytical ingredients and additives:** Please refer to the table  
 Digestible energy: 116 kcal/100 g



- high percentage of human food quality fresh meat (at least 70 %)
- valuable oats (at least 4 %)
- low fat
- with L-carnitine to support the lipometabolism and the heart circulation function

**Ingredients:** beef and poultry meat as well as innards (a total of at least 70 %, contains at least 35 % beef, contains at least 35 % poultry, consisting of meat, liver, heart, stomach, rumen, lungs), broth, oats (at least 4 %), calcium carbonate

**Analytical ingredients and additives:** Please refer to the table  
 Digestible energy: 92 kcal/100 g

Analytical ingredients								
	PUPPY Beef, poultry, millet with flaxseed oil (finely minced)	JUNIOR Beef, Poultry, Millet with Sunflower Oil	ADULT Beef, Poultry with 4 Different Vegetables	ADULT Salmon & Potatoes	ADULT Pure Lamb	ADULT Pure Poultry	SENIOR Beef, Poultry & Oats	
Crude protein	11.9 %	11.9 %	11.9 %	9.0 %	11.0 %	10.9 %	9.0 %	
Crude oils and fats	6.5 %	6.5 %	5.3 %	6.8 %	6.0 %	6.5 %	4.1 %	
Crude fibre	0.4 %	0.4 %	0.6 %	0.4 %	0.4 %	0.3 %	0.4 %	
Crude ash	1.5 %	1.5 %	1.6 %	2.2 %	1.5 %	2.2 %	1.8 %	
Moisture	77.0 %	77.0 %	77.0 %	78.0 %	78.0 %	78.0 %	81.0 %	
Calcium	0.40 %	0.40 %	0.30 %	0.60 %	0.30 %	0.30 %	0.30 %	
Phosphorus	0.19 %	0.19 %	0.21 %	0.30 %	0.19 %	0.21 %	0.19 %	
<b>Additives</b>								
<i>Nutritional additives per kg</i>								
Vitamin A	2.000 IE	2.000 IE	2.000 IE	2.000 IE	2.000 IE	2.000 IE	2.000 IE	
Vitamin D3	200 IE	200 IE	200 IE	200 IE	200 IE	200 IE	200 IE	
Vitamin E (alpha-tocopheryl-acetate)	50 mg	50 mg	25 mg	25 mg	25 mg	25 mg	25 mg	
Zinc as zinc sulphate (monohydrate)	0.8 mg	0.8 mg	0.8 mg	0.8 mg	0.8 mg	0.8 mg	0.8 mg	
Manganese as manganese-(II)-sulphate (monohydrate)	0.3 mg	0.3 mg	0.3 mg	0.3 mg	0.3 mg	0.3 mg	0.3 mg	
Iodine as potassium iodide	0.1 mg	0.1 mg	0.1 mg	0.1 mg	0.1 mg	0.1 mg	0.1 mg	
L-Carnitine	-	-	-	-	-	-	100 mg	
<i>Technological additives per kg</i>								
cassia-gum	1,200 mg	1,200 mg	1,200 mg	1,200 mg	1,200 mg	1,200 mg	1,200 mg	



## Gourmet Sausages – from tasty to delicate ...

Our Super-Premium sausage specialities are the ideal supplement to the Excellence wet food. They are a sensible complement to your dog's nutrition programme with 7 fine flavours. The gourmet sausages are an excellent snack for in-between meals. They contain selected ingredients that are easily digestible and free of colouring agents, attractants and flavouring substances.



### Top Quality Your Dog Loves.



**Tip:** All our sausage specialities can be frozen in portions.



#### Complete food for dogs

**Ingredients:** meat and animal by-products (40 % lamb, 28 % poultry), vegetables (4 % potatoes), grain (4 % rice), safflower oil, broth, minerals

**Analytical ingredients:** crude protein 11.9 %, crude oils and fats 6.0 %, crude ash 1.7 %, crude fibre 0.6 %, moisture 75.0 %, calcium 0.3 %, phosphorus 0.19 %

Digestible energy: 127 kcal/100 g

**Additives per kg:** Nutritional additives: vitamin A 2000 I.E., vitamin D3 200 I.E., vitamin E (alpha-tocopheryl-acetate), 25 mg, Zinc as zinc sulphate (monohydrate) 0.8 mg, manganese as manganese-(II)-sulphate (monohydrate) 0.4 mg, iodine as potassium iodide 0.2 mg

**Technological additives:** cassia-gum 1200 mg

#### Complete food for dogs

**Ingredients:** meat and animal by-products (40 % game, 32 % beef), vegetable (4 % potatoes), broth, minerals

**Analytical contents:** crude protein 12.1 %, crude oils and fats 6.1 %, crude ash 1.8 %, crude fibre 0.3 %, moisture 76 %, calcium 0.32 %, phosphorus 0.20 %

Digestible energy: 124 kcal/100 g

**Additives per kg:** Nutritional additives: vitamin A 2000 I.E., vitamin D3 200 I.E., vitamin E (Alpha-tocopheryl-acetate), 25 mg, Zinc as zinc sulphate (monohydrate) 0.8 mg, manganese as manganese-(II)-sulphate (monohydrate) 0.4 mg, iodine as potassium iodide 0.2 mg

**Technological additives:** cassia-gum 1200 mg

with Duck and Apple



**Food supplements as main food for dogs**

**Ingredients:** meat and animal by-products (70 % duck), seeds (10 % Amaranth), fruit (5 % apple), broth

**Analytical ingredients:** crude protein 10.5 %, crude oils and fats 6.3 %, crude ash 1.9 %, crude fibre 0.8 %, moisture 78.9 %.

No added vitamins, minerals or other additives.

Digestible energy: 125 kcal/100 g

with Horse meat and Potatoes



**Food supplements as main food for dogs**

**Ingredients:** meat and animal by-products (70 % horse), vegetable (10 % potatoes), broth

**Analytical ingredients:** crude protein 11.2 %, crude oils and fats 4.9 %, crude ash 1.9 %, crude fibre 0.8 %, moisture 79.9 %.

No added vitamins, minerals or other additives.

Digestible energy: 103 kcal/100 g

with Beef, Poultry, Pumpkin and Noodles



**Complete food for dogs**

**Ingredients:** meat and animal by-products (40 % poultry, 30 % beef), vegetable (4 % pumpkin), bakery products (4 % noodles), broth, minerals

**Analytical ingredients:** crude protein 11.8 %, crude oils and fats 6.4 %, crude ash 2.0 %, crude fibre 0.3 %, moisture 76.0 %, calcium 0.35 %, phosphorus 0.23 %

Digestible energy: 124 kcal/100 g

**Additives per kg:** Nutritional additives: vitamin A 2000 I.E., vitamin D3 200 I.E., vitamin E (alpha-tocopheryl-acetate), 25 mg, Zinc as zinc sulphate (monohydrate) 0.8 mg, manganese as manganese-(II)-sulphate (monohydrate) 0.4 mg, iodine as potassium iodide 0.2 mg

**Technological additives:** cassia-gum 1200 mg



Photo provided by: baamar



**Sausage with selected Beef and Poultry**



**Complete food for dogs**

**Ingredients:** meat and animal by-products (70 % beef, 10 % poultry), vegetable (4 % potatoes, 2 % carrots), grain (4 % oats), broth, minerals

**Analytical ingredients:** crude protein 11.0 %, crude oils and fats 6.0 %, crude ash 2.0 %, crude fibre 0.3 %, moisture 77.0 %, calcium 0.32 %, phosphorus 0.22 %

Digestible energy: 118 kcal/100 g

**Additives per kg:** *Nutritional additives:* vitamin A 2000 I.E., vitamin D3 200 I.E., vitamin E (alpha-tocopheryl-acetate), 25 mg, zinc as zinc sulphate (monohydrate) 0.8 mg, manganese as manganese-(II)-sulphate (monohydrate) 0.4 mg, iodine as potassium iodide 0.2 mg

*Technological additives:* cassia-gum 1200 mg

**Liver Sausage**



**Complete food for dogs**

**Ingredients:** meat and animal by-products (55 % beef, 20 % liver), broth, minerals

**Analytical ingredients:** crude protein 11.5 %, crude oils and fats 7.0 %, crude ash 2.0 %, crude fibre 0.3 %, moisture 76.0 %, calcium 0.3 %, phosphorus 0.2 %

Digestible energy: 128 kcal/100 g

**Additives per kg:** *Nutritional additives:* vitamin A 2000 I.E., vitamin D3 200 I.E., vitamin E (alpha-tocopheryl-acetate), 25 mg, zinc as zinc sulphate (monohydrate) 0.8 mg, manganese as manganese-(II)-sulphate (mono-hydrate) 0.4 mg, iodine as potassium iodide 0.2 mg

*Technological additives:* cassia-gum 1200 mg





# The natural herbal blend

with natural vitamins, minerals and trace elements

**Whenever your dog is troubled by:**

- ✓ itching and dandruff
- ✓ continuous shedding
- ✓ stiff and painful mobility
- ✓ bald spots
- ✓ lack of vitality



[www.hokamix.com](http://www.hokamix.com)



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To order and for further information: