



friedrich ingredients

FLAVOUR & FUNCTION FOR YOUR SUCCESS

18. May 2024

Dear Customer,

Thank you very much for your interest in our products. We are pleased to offer you a printout in PDF-format of the products that you have chosen.

Did you know that you can order **samples** right here online? It is easy and only takes a few minutes. After we have received your sample order, we are getting in touch with you to discuss shipping and possible documentation needed for your clearing.

Please have a close look at our **Service Section**. At your fingertips, brochures are available for free download.

Our **library of production recipes** is available to all visitors without prior registration or log-in. Many recipes are at your disposal in convenient MS Excel® format that allows you to change the total recipe weight according to your individual batch.

Shipping is done by sea freight, air freight and ups® worldwide service at preferred rates. We organize the transport to your nearest port unless you prefer to pick-up the goods from our warehouse in Hamburg.

We do not believe in **minimum order quantities**. 1 unit can be ordered from every item in our webshop, unless clearly specified.

With your initial order, we will suggest **payment terms** to you that will suit your business.

Sincerely,

friedrich ingredients gmbh

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PS. Don't forget to check out our latest addition **fiSundries**. Knives-shoes-boots-clothing and many more. World-wide shipping by ups® at preferred rates, or at no extra charge with your ingredients order.

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Your category **Bacon**

11.076 **AGAGEL® 370** from 8.20 €/kg

Functional Compound for Meat Preparations

For fresh and cooked meat products of all kinds. Especially effective with Fast Food/QSR Foods, e.g. chicken breast, wings, pulled products, roasts and meats for ready meals.
For more tenderness and extra yield of 10-25%.



Salt, maltodextrin, acidity regulator - sodium acetate [E 262], sodium carbonate [E 500], stabilizer-sodium citrate [E 331], spice extracts.

Salt-free version: AGAGEL® 371

15-25 g/kg finished product [meat + brine]Recipes with Brine Calculator
MOQ may apply

1 kg	9.50 €/kg
10 kg	9.50 €/kg
100 kg	9.00 €/kg
200 kg	8.75 €/kg
500 kg	8.50 €/kg
1000 kg	8.40 €/kg
2000 kg	8.30 €/kg
5000 kg	8.20 €/kg

bags @ 10 kg

11.176 **AGAGEL® 371** from 8.15 €/kg

Functional Compound for Meat Preparations

For fresh and cooked meat products of all kinds. Especially effective with Fast Food/QSR Foods, e.g. chicken breast, wings, pulled products, roasts and meats for ready meals.
For more tenderness and extra yield of 10-25%.



Acidity regulator - sodium acetate [E 262], sodium carbonates [E 500], maltodextrin, stabilizer - sodium citrate [E 331], diphosphate [E 450], spices extracts, separating agent - silica [E 551].

MOQ:

none, item is always in stock.

5-10 g/kg finished product.

Brines: use 3% addition if 25% brine is added [4% if 20% is injected]

Recipes with Brine Calculator

1 kg	9.35 €/kg
4 kg	9.35 €/kg
100 kg	8.85 €/kg
200 kg	8.60 €/kg
500 kg	8.35 €/kg
1000 kg	8.25 €/kg
2000 kg	8.15 €/kg
5000 kg	8.20 €/kg

bags @ 4 kg

11.152 **AGAGEL® 372** from 6.90 €/kg

Functional Compound for Meat Preparations

Your category **Bacon**

11.152 **AGAGEL® 372 (continued)** from 6.90 €/kg

Functional Compound for Meat Preparations

For fresh and cooked meat products of all kinds. Especially effective with Fast Food/QSR Foods, e.g. chicken breast, wings, pulled products, roasts and meats for ready meals.
For more tenderness and extra yield of 15-50%.



Salt, stabilizers [E 331, E 262, E 451, E 450], sugar, acidity regulator [E 500], antioxidant [E 301], separating agent [E 551], rapeseed oil.

Without carrageenan, without soya.

MOQ:

none, item is always in stock.

1.8% in the finished product [meat + brine]Recipes

Watch the Recipe Video here:

1 kg	8.20 €/kg
25 kg	8.20 €/kg
100 kg	7.70 €/kg
200 kg	7.45 €/kg
500 kg	7.20 €/kg
1000 kg	7.10 €/kg
2000 kg	7.00 €/kg
5000 kg	6.90 €/kg

bags @ 25 kg

11.023 **AGAGEL® 380** from 9.40 €/kg

Complete System for Red Cooked Meats

Complete system of flavour and function for cured, cooked meat products (red) requiring extra yield, e.g. pizza ham, fast food meat, QSR meat and meat for ready meals.
For more tenderness and extra yield of 20-80%.



Stabilizer [E 451, E 450], salt, soy protein, thickening agent [E 407a], dextrose, glucose syrup, flavour enhancer [E 621], spices (garlic), antioxidant [E 301], yeast extract, flavourings(gravy flavouring, natural pepper flavouring).

40 g/kg [4%] per kg finished product for brines

Recipes with Brine Calculator

MOQ:

none, item is always in stock.

1 kg	10.70 €/kg
25 kg	10.70 €/kg
100 kg	10.20 €/kg
200 kg	9.95 €/kg
500 kg	9.70 €/kg
1000 kg	9.60 €/kg
2000 kg	9.50 €/kg
5000 kg	9.40 €/kg

bags @ 25 kg

11.024 **AGAGEL® 390** from 10.20 €/kg

Complete System for White Cooked Meats

Your category **Bacon**

11.024 **AGAGEL® 390 (continued)** from 10.20 €/kg

Complete System for White Cooked Meats

Complete system of flavour and function for cured, cooked meat products (white) requiring extra yield, e.g. pizza ham, chicken roll, fast food meat, QSR meat and meat for ready meals.
For more tenderness and extra yield of 20-80%.



Stabilizer [E 450, E 451], soy protein, salt, thickener [E 407a], dextrose, glucose-syrup, flavour enhancer [E 621], maltodextrin, spices (garlic), yeast extract, antioxidant [E 301], sugar, natural flavourings (beef type), caramel sugar syrup.

35 g/kg final product [3.5%].

Recipes with Brine Calculator

MOQ:

none, item is always in stock.

1 kg	11.50 €/kg
25 kg	11.50 €/kg
100 kg	11.00 €/kg
200 kg	10.75 €/kg
500 kg	10.50 €/kg
1000 kg	10.40 €/kg
2000 kg	10.30 €/kg
5000 kg	10.20 €/kg

bags @ 25 kg

11.016 **AGAGEL® 400** from 13.40 €/kg

Complete System for Emulsions and Cooked Meats

Complete functional system for emulsions and cured, cooked meat products (red and white) requiring extra yield, e.g. pizza ham, QSR meat and meat for ready meals. No flavour added.
For more tenderness and extra yield of 20-80%.



Stabilizers [E 451, E 450], soy protein, thickening agent [E 407a] processed eucheuma seaweed, dextrose (maize dextrose), salt, glucose syrup (maize glucose syrup).

MOQ may apply

40 g/kg [4 %] finished product for use in brines

10 g/kg [1 %] total recipe weight for use in sausage

Recipes with Brine Calculator

1 kg	14.70 €/kg
50 kg	14.70 €/kg
100 kg	14.20 €/kg
200 kg	13.95 €/kg
500 kg	13.70 €/kg
1000 kg	13.60 €/kg
2000 kg	13.50 €/kg
5000 kg	13.40 €/kg

bags @ 25 kg

11.153 **FibreMaxx EF 60** from 3.20 €/kg

Pea fibre for food applications

Your category **Bacon**

11.153 **FibreMaxx EF 60 (continued)** from 3.20 €/kg

Pea fibre for food applications

Small-sized pea fibre for use as dietary fibre addition. Especially suitable in brines for cured meats. Improves texture, yield and serves as a fat replacer.



Pea fibre (clean label - no E-number declaration needed)

Use according to recipe; we recommend 5-10 g/kg [0.5-1%] in brines.

FibreMaxx EF 60 can be used in modern injectors due to its short fibre length.

Packaging details:

pallets à 24 bags = 600 kg = MOQ

1 kg	3.70 €/kg
25 kg	3.70 €/kg
750 kg	3.60 €/kg
1500 kg	3.50 €/kg
3000 kg	3.40 €/kg
8250 kg	3.30 €/kg
17250 kg	3.20 €/kg

bags @ 25 kg

11.069 **FibreMaxx WF 90** from 3.50 €/kg

Wheat fibre texture improver 90 µm fibre length

Fine textured dietary fibre made from wheat. Especially suitable in brines for cured meats. Improves texture, yield and serves as a fat replacer.



Wheat fibre.

GMO-free. 5 years shelf life

Use according to recipe; we recommend 5-10 g/kg [0.5-1%] in brines.

FibreMaxx WF 90 can be used in modern injectors due to its short fibre length.

Packaging details:

pallets à 30 bags = 600 kg = MOQ

1 kg	4.00 €/kg
15 kg	4.00 €/kg
600 kg	3.90 €/kg
1200 kg	3.80 €/kg
2400 kg	3.70 €/kg
6600 kg	3.60 €/kg
13800 kg	3.50 €/kg

bags @ 20 kg

58.002 **Garlic Extra [liquid]** from 6.20 €/kg

Highly concentrated aroma

Highly concentrated aroma extract made from natural garlic cloves. Use to intensify sausage products, soups, sauces, meat products and ready meals. No added preservatives. Long-lasting freshness reservoir.



Your category **Bacon**

58.002 **Garlic Extra [liquid] (continued)** from 6.20 €/kg *Highly concentrated aroma*

Natural garlic extract.

Carry-over ingredients: purified water, emulsifier - mono and diglycerides [E 472a], thickener - xanthan [E 415].

Recommended Labeling Declaration: garlic or garlic extract.

Use 0.3-2 g/kg according to desired intensity.

MOQ may apply

poly-cans @ 3 kg

1 kg	8.30 €/kg
20 kg	7.85 €/kg
100 kg	7.45 €/kg
200 kg	7.05 €/kg
500 kg	6.60 €/kg
1000 kg	6.20 €/kg

11.010 **Meister Lak 95** from 6.05 €/kg *Brine stabilizing poly phosphate pH 9.5*

Combination of sodium and potassium polyphosphates. Contains high percentage of pyrophosphate, which results into optimum water binding, good colour development, and best spoilage protection. Low sodium content. EU made.

Sodium diphosphate [E 450],

Sodium triphosphate [E 451].

55% P₂O₅ content.

Packaging details:

pallets à 40 bags = 1,000 kg

MOQ may apply

3 g/kg meat content [without water/ice].

PRICES SUBJECT TO CONFIRMATION - PRICES AND AVAILABILITY MAY CHANGE WITHOUT NOTICE DUE TO CURRENT SHORTAGE.

bags @ 25 kg






1 kg	6.55 €/kg
100 kg	6.45 €/kg
200 kg	6.35 €/kg
500 kg	6.25 €/kg
1000 kg	6.15 €/kg
1500 kg	6.05 €/kg

87.031 **Roasting Net B/5, 16 P white** from 9.80 €/reel *for 125 mm filling horns*

Polyester/cotton net for cooked and/or cured meats, including roasts and rolls.



Your category **Bacon**

87.031	Roasting Net B/5, 16 P white (continued) <i>for 125 mm filling horns</i>	from 9.80 €/reel
	Price per reel of 50 m 34 reels [1,700 m] per carton = MOQ When comparing prices, always compare the price per 100 m, not only the price of the reel	1 reel 9.80 €/reel
64.851	Roasting Net B/5, 20 P white <i>for 160 mm filling horns</i>	from 11.50 €/reel
	Polyester/cotton net for cooked and/or cured meats, including roasts and rolls. Price per reel of 50 m 28 reels [1,400 m] per carton = MOQ When comparing prices, always compare the price per 100 m, not only the price of the reel	 1 reel 11.50 €/reel
87.032	Roasting Net B/5, 24 P white <i>for 200 mm filling horns</i>	from 13.30 €/reel
	Polyester/cotton net for cooked and/or cured meats, including roasts and rolls. Price per reel of 50 m 24 reels [1,200 m] per carton = MOQ When comparing prices, always compare the price per 100 m, not only the price of the reel	 1 reel 13.30 €/reel
87.030	Roasting Net B/5, 28 P white <i>for 250 mm filling horns</i>	from 14.60 €/reel
	Polyester/cotton net for cooked and/or cured meats, including roasts and rolls. Price per reel of 50 m 16 reels [800 m] per carton = MOQ When comparing prices, always compare the price per 100 m, not only the price of the reel	 1 reel 14.60 €/reel
11.146	RoMaxx MB liquid <i>Natural Food Preservation</i>	from 7.40 €/kg

Your category **Bacon**

11.146 **RoMaxx MB liquid (continued)** from 7.40 €/kg *Natural Food Preservation*

100% natural preservation of food products based on spice extracts. Drastic reduction of micro-biological activities. Use for cooked and fresh meat products, burgers, sausages and QSR food.

Highly effective due to low usage rate.

Herb extract (rosemary), salt, spice.

Shelf-life:

24 months

MOQ may apply

Only 2 g/kg [0.2 %] provide drastic reduction of micro-biological activities which result into considerably extended shelf-life.

poly-cans @ 3 kg



1 kg	9.90 €/kg
20 kg	9.40 €/kg
100 kg	8.90 €/kg
200 kg	8.40 €/kg
500 kg	7.90 €/kg
1000 kg	7.40 €/kg

11.154 **RoMaxx MB Super** from 6.80 €/kg *Food Preservation*

Preservation of food products based on sodium bisulfite. Maximum reduction of micro-biological activities. Use for cooked and fresh meat products, burgers, sausages, and QSR food.

Preservatives [E 223], acidity regulator [E 262, E 331].

2 g/kg [0.2 %] total recipe weight. Please observe possible legal maximum usage.

MOQ may apply

bags @ 5 kg



1 kg	9.10 €/kg
20 kg	8.60 €/kg
100 kg	8.15 €/kg
200 kg	7.70 €/kg
500 kg	7.25 €/kg
1000 kg	6.80 €/kg

10.042 **Smokin' Joe** from 5.55 €/kg *Smoked salt for food*

Smoke flavour for food products, including potato salad, sauces, soups, dips, dressings, meat and poultry products, and fish. Especially suitable for frankfurter type sausage.



Your category **Bacon**

10.042 **Smokin' Joe (continued)** from 5.55 €/kg *Smoked salt for food*

Salt, flavouring, anti caking agent - silica [E 551],
dry-caramel-sugar-syrup [caramel, maltodextrin].

5-8 g/kg sausage

2-4 g/kg cooked ham

We recommend that the salt content is reduced by the same
amount of added Smokin' Joe'.

MOQ may apply

sachets @ 2 kg

1 kg	7.40 €/kg
20 kg	7.00 €/kg
100 kg	6.65 €/kg
200 kg	6.25 €/kg
500 kg	5.90 €/kg
1000 kg	5.55 €/kg

66.006 **Wood Chips / Saw Dust HB 500-1000** from 0.85 €/kg *0.5-1 mm Beechwood Sawdust*

smoldering smoking saw dust for poured [feed-in], cartridge and
cold smoke systems

Type HB 500-1000 [0,5-1 mm saw dust size].

Other sizes are also available.

100% natural beechwood saw dust

unlimited storage

Made in Germany

0.5-1 mm smoldering smoking saw dust for use in smoke
generators.

Packaging details:

pallets à 42 bags = 630 kg

Minimum order quantity [MOQ]: 150 kg

bags @ 15 kg



1 kg	1.10 €/kg
15 kg	1.10 €/kg
630 kg	1.05 €/kg
1260 kg	1.00 €/kg
2520 kg	0.95 €/kg
6930 kg	0.90 €/kg
14490 kg	0.85 €/kg

66.005 **Wood Chips / Saw Dust HBK 750-2000** from 0.80 €/kg *0.75-3 mm Beechwood Sawdust*

smoldering smoking saw dust for use in fully automatic smoke
generators with partially opened and opened smoking systems.

Type HBK 750-2000 [0,75-3 mm saw dust size].

Other sizes are also available.



Your category **Bacon**

66.005 Wood Chips / Saw Dust HBK 750-2000 (continued) **from 0.80 €/kg**
0.75-3 mm Beechwood Sawdust

	1 kg	1.10 €/kg
100% natural beechwood saw dust	630 kg	1.05 €/kg
unlimited storage	1260 kg	1.00 €/kg
Made in Germany	2520 kg	0.95 €/kg
	6930 kg	0.90 €/kg
	14490 kg	0.80 €/kg
0.75-3 mm smoldering smoking saw dust for use in smoke generators.		
Packaging details:		
pallets à 42 bags = 630 kg		
Minimum order quantity [MOQ]: 150 kg		
bags @ 15 kg		

66.004 Woodchips / Saw Dust KL 1-4 **from 0.85 €/kg**
2-4.5 mm Beechwood Chips for smoke houses

for use in condensate smoke systems
 Type KL 1-4 [2-4.5 mm chip size].
 Other sizes are also available.



100% natural beechwood chips
 unlimited storage
 Made in Germany

2-4.5 mm beechwood chips for use in condensate smoke systems.
 Packaging details:
 pallets à 42 bags = 630 kg
 Minimum order quantity [MOQ]: 150 kg

1 kg	1.10 €/kg
15 kg	1.10 €/kg
630 kg	1.05 €/kg
1260 kg	1.00 €/kg
2520 kg	0.95 €/kg
6930 kg	0.90 €/kg
14490 kg	0.85 €/kg

bags @ 15 kg

66.002 Woodchips / Saw Dust KL 2-16 **from 0.85 €/kg**
4-12 mm Beechwood chips for smoke houses

smoldering smoking chips for use in fully automatic smoke generators in closed and partially opened smoking systems.
 Type KL 2-16 [4-12 mm chip size].
 Other sizes are also available.



Your category **Bacon**

66.002 Woodchips / Saw Dust KL 2-16 (continued)		from 0.85 €/kg	
4-12 mm Beechwood chips for smoke houses			
		1 kg	1.10 €/kg
100% natural beechwood chips		15 kg	1.10 €/kg
unlimited storage		630 kg	1.05 €/kg
Made in Germany		1260 kg	1.00 €/kg
		2520 kg	0.95 €/kg
		6930 kg	0.90 €/kg
4-12 mm smoldering smoking chips for use in smoke generators.		14490 kg	0.85 €/kg
Packaging details:			
pallets à 42 bags = 630 kg			
Minimum order quantity [MOQ]: 150 kg			
bags @ 15 kg			