



FrieslandCampina
Ingredients

ANIMAL NUTRITION

Kalvolac

CAIR

Kalvolac CAIR® is a premium milk replacer, especially developed to support respiratory health, for rearing calves which can be used directly after colostrum.

IMPROVED



CAIR®: contributes to respiratory health



IMAGRO®: contributes to optimal gut health and fat digestion



40% coconut oil



CAIR®: contributes to respiratory health

Mix of herbs and essential oils that contributes to a healthy respiratory tract. It contributes to reduction of breathing discomfort, related medicine use and it supports roughage and concentrate intake and growth.

IMAGRO®: contributes to optimal gut health and fat digestion

Gut health formula that supports the entire gastro intestinal tract. It includes organic acids, that has antimicrobial properties, pre-biotics (GOS) and pro-biotics which supports an optimal gut flora and an emulsifier that contributes to optimal fat digestion. GOS (Galacto-Oligosaccharides) is produced by FrieslandCampina Ingredients and also used in its infant nutrition formulas.

40% coconut oil

40% of spray dried fat is highly digestible coconut oil. In addition coconut oil has antimicrobial properties.

Application areas

Milkreplacer for rearing calves which can be used directly after colostrum. For manual and automatic feeding.

Packaging

Kalvolac CAIR® is packaged in a 25 kg multi-layer paper bag with a polythene inner bag.

Features

Outstanding physical properties (solubility, non-hygroscopicity, stability).

Optimal ratio of dairy proteins and fats.

Constant composition and quality of the milk.

Based on whey proteins.

Level of vitamins and trace elements adapted to calves needs.

Contains IMAGRO®.

Free of pathogens.

Contains CAIR®.

Investment for future benefits.

No risk of vertical transmission of diseases.

Supports respiratory health of calves.

Contains CAIR®.

Optimal gut health, contributes to:

- uptake of nutrients
- digestion of feed
- robust immune system

Contains CAIR®.

Investment for future benefits.

Higher dairy-cow milk production and increased lifespan.

Reduced environmental footprint.

Lower overall rearing costs.

Shelf life and storage conditions

In the original sealed packaging, Kalvolac CAIR® has a shelf life of 12 months after production date if stored between 10 - 20 °C, and under 60% relative humidity. Keep away from strongly odorous materials.

Sustainability

Kalvolac CAIR® contributes to the production of sustainable palm oil. GMO free.

Typical analysis

Nutritional

Metabolic Energy (ME)	18,2 MJ/kg
Moisture	3,0%
Crude protein	22,0%
Crude Fat	17,0%
Ashes	9,5%
Crude fibre	0,1%
Lactose	44,6%

Physical/Sensoric

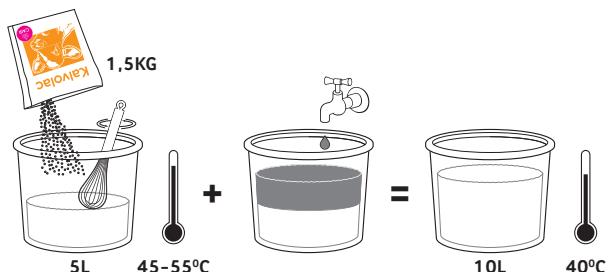
Powder colour	Creamy white
Odour	Herbs and sweet dairy

Vitamins

Vitamin A	16.000 IE*
Vitamin D3	4.500 IE
Vitamin E	80 ppm
Vitamin C	120 ppm

* level according to EU legislation

Recommended use



Calf Milk Replacer (L) Manual and Bucket Feeding (kg in the liter)

1	0,150
2	0,300
6,5	1
10	1,5
165	25 (1 bag)

Feeding schedule

1 Minimum 3,7 liters of colostrum (min. Brix 23) within 2 hours after birth **.
In total 6 to 8 liters within 24 hours.

2 3 x 2,0L colostrum

3 > 7 2 X 2,5L Kalvolac CAIR

2 2 X 3,0L Kalvolac CAIR

3 > 6 2 X 3,5L Kalvolac CAIR

7 2 X 3,0L Kalvolac CAIR

8 2 X 2,5L Kalvolac CAIR

9 > + 1 X 2,5L Kalvolac CAIR

day week

** Use a refractometer and the colostrum protocol to determine colostrum quality and the corresponding amount of liters colostrum to be fed.



Potential consumer benefits are not to be considered as health claims. They should be considered as potential leads that might be developed into health claims complying with the local legal requirements. The information contained herein is, to the best of our knowledge, correct. The data outlined and the statements are intended only as a source of information. No warranties, expressed or implied, are made. On the basis of this information it is suggested that you evaluate the product on a laboratory scale prior to use in a finished product. The information contained herein should not be construed as permission for violation of patent right.

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