

### Description

Xtract 6930 for pre-weaned calves and lambs is a blend of three different natural and nature-identical synthetic essential oils namely: Capsaicin from chilli peppers, Cinnamaldehyde from cinnamon and Carvacrol from oreganum. It plays an important role in the immunity and health of calves and can act as a natural alternative to in-feed antibiotic growth promotors (AGP's).

### Features

- Manufactured in accordance with ISO Fusion Technology ensuring:
  - ⇒ homogeneous distribution and flow-ability
  - ⇒ micro-encapsulated → stability, uniformity and analytically traceable
  - ⇒ Thermally protected by a retention agent
- Proven mode of action with the use of sophisticated *in vitro* modeling systems and animal trials.
- Compliant with EU regulations, free of GMO and animal products and carries FAMI-QS certificate of analysis.
- Registration numbers in accordance with Act 36 of 1947:
  - ⇒ **Xtract 6930 - V 20866**

### Benefits

- Improve ADG and FCR in Pre-weaned calves
- Improve the efficiency of the immune system, therefore reduce health problems
- **Capsaicin:**
  - ⇒ Stimulates secretion of digestion enzymes through gene expression
  - ⇒ Improve immunity through thickening of mucus in the GIT and energy saving response to pathogens
  - ⇒ Reduces the effect of environmental stress on the animals
- **Cinnamaldehyde:**
  - ⇒ Due to Cinnamaldehyde's strong antioxidant activity, it protects the microvilli from free radical actions and lowers cell renewal rates
- **Carvacrol:**
  - ⇒ Strong bacteriostatic effect



### Calves and lambs

- Young animals are more susceptible to health challenges
- Insufficient colostrum intake of calves can have a negative effect on the development of the immune system of the pre-weaned calve / lambs
- Xtract 6930 can assist in improving the effectiveness of the immune system
- This can lead to less energy channeled to immune responses and more to growth performance



### Applications

The recommended feed rate:

100 – 150 g / ton final feed