



Vetnex is an Australian brand of natural animal care products with a mission to help our beloved animals live healthier & happier.



NATURAL



INNOVATIVE



QUALITY

# Vetnex

## Natural Dental Care **PLAQUE CONTROL**

*Dental Chews and Powders*

- ✓ Reduce Plaque, Tartar & Bad Breath
- ✓ 100% Natural Product



Vetnex Plaque Control is a range of natural dental care products to help combat plaque, calculus and bad breath in dogs and cats.

Vetnex Plaque Control is available in the powder form and as a palatable chew.

There are 3 flavour varieties of powders (original seaweed, kangaroo and salmon), the flavoured powders improve the palatability of the seaweed<sup>9</sup>, which is important when the product is used for long term.

There are 2 varieties of chews (beef liver & salmon) which can be used as a palatable treat. The dental chews have its additional mechanical defensive action against plaque biofilms.

**DIRECTIONS FOR USE:** Suitable for dogs and cats. ONCE DAILY or as directed by your veterinarian.

|                |  |
|----------------|--|
| Dental Chews   | One chew per 5kg body weight.<br><i>(To be given as treats).</i>   |
| Dental Powders | 0.5-4 scoops as detailed on product labels.<br><i>(To be used together with foods - topped or mixed with foods).</i> |

Vetnex dental range can be used individually or rotationally as part of a longer-term dental health home care program. The variety of product choice is good for fussy eaters when they are getting bored with the original seaweed flavour or other products.

# Vetnex

**Proudly Australian Owned**



**Vetnex Pet Care**

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## Protection Against Plaque, Calculus & Bad Breath

Vetnex Plaque Control natural dental care is a range of 100% natural products made from organic seaweed *Ascophyllum nodosum*, which is a specific strain of seaweed sustainably harvested from the pristine waters near the Arctic Ocean. The seaweed is high in nutrition<sup>1</sup> and has a natural defensive mechanism against bacterial biofilms.

Vetnex Plaque Control is orally ingested and works systematically. The natural compounds in the seaweed are concentrated in saliva to reduce bacterial biofilms and plaque, providing a natural protection for dental health, and helping improve oral health.

The oral health benefits of *A. nodosum* have been demonstrated in numerous published studies. *A. nodosum* and its natural compounds such as phenol and polysaccharides (e.g. ascophyllan, fucoidan & laminarin) have been shown to have antibacterial<sup>2</sup>, antioxidant<sup>3,5</sup> and anti-inflammatory<sup>4,5</sup> properties.

The dental and oral health benefits of *A. nodosum* have also been demonstrated in clinical studies in human<sup>6</sup>, dogs and cats.<sup>7,8</sup>

In the study by Tamanai-Shacoori, *A. nodosum* and silver-zeolite demonstrated a synergistic antibacterial and anti-biofilm effect, completely inhibited *Streptococcus gordonii monospecies* biofilm formation, as well as reducing the formation of a bi-species *S. gordonii* and *Porphyromonas gingivalis*<sup>5</sup>. The actions were linked to *A. nodosum*'s modulation effect on host immune response which is associated to soft-tissue breakdown and dental health<sup>5</sup>. *P. gingivalis* and *P. gulae* in combination with the host's immune response are the primary drivers of dental health issues in dogs.



- 100% natural products
- Contains organic seaweed *Ascophyllum nodosum* substantially sourced from pristine waters near the Arctic Ocean
- Dental chews possess the additional mechanical defensive action against plaque biofilms
- MADE IN AUSTRALIA\*

### Natural Solution for Healthier Teeth & Gums, and Fresh Breath

#### References:

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3. Abu et al (2013). International Journal of Biological Macromolecules 59: 305-312.
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5. Tamanai-Shacoori et al (2014). PLoS One 9(10): e105475. doi: 10.1371/journal.pone.0105475.
6. Van Dijken et al (2015). Clin. Oral Invest. 19:1507-1518, DOI 10.1007/s00784-014-1383-2.
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9. Isidori et al (2019). Journal of Applied Phycology 31: 3275-3281.

\*Dental powder original flavour is packed in Australia from imported seaweed material.