



Leading the Pack in Pet Oral Wellness

What is OravestinTM

- ❖ OravestinTM is a bioflavonoid standardized composition to help maintain oral and teeth health of companion animals
- ❖ Clinically proven to aid in controlling inflammation and bacterial growth
- ❖ Significantly reduces gingival indices, gum bleeding and plaque formation
- ❖ Natural, standardized composition from herbs known for historically safe usage
- ❖ Proprietary ingredient, patent pending

Application

- ❖ Helps maintain healthy gum and teeth of companion animals

Formulation

- ❖ Can be used as an active agent in a range of oral products, including toothpaste, chews, tablets, capsules, liquids, powders and other delivery systems

Benefits & Claims*



- Potent antimicrobial bioflavonoids against oral bacteria
- Controls proinflammatory pathways to reduce gum inflammation
- Significantly reduces plaque and gingivitis indexes
- Extensive *in vitro* and *in vivo* safety testing with no adverse effects
- High compatibility in formulating with other ingredients
- Proprietary ingredient, patent pending

In vitro Efficacy*



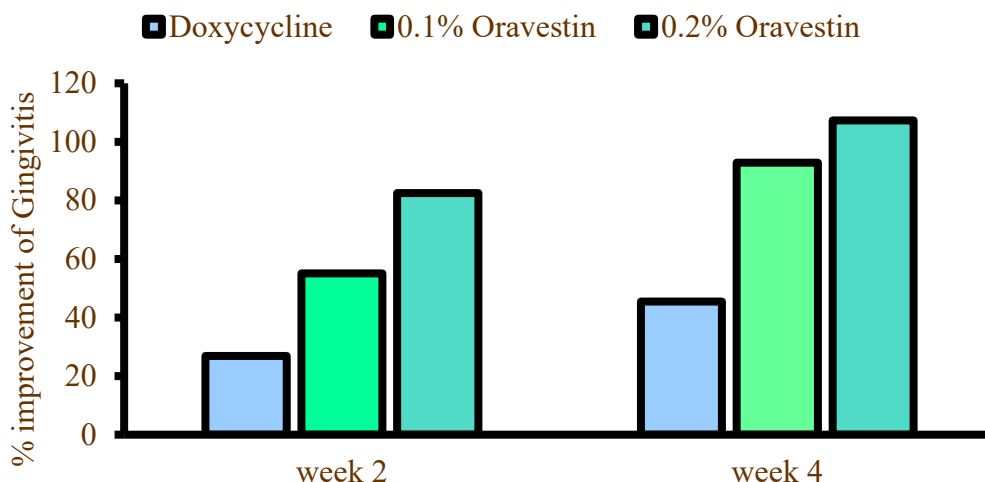
- Effectively inhibits COX-1, COX-2 and 5-LOX enzyme activities
- Down regulates both protein and gene expressions of pro-inflammatory cytokines
- Bioflavonoid in Oravestin™ has been reported as a potent antimicrobial agent against oral bacteria
- Contains anti-oxidant and other naturally occurring dietary compounds to aid the body

In vivo Efficacy*



- Oravestin™ clinically proven to have a quicker improvement in periodontal condition in companion animals
- Produced statistically significant reductions in gingivitis, pocket depth, loss of attachment and gum bleeding
- Clinically proven to reduce plaque and biofilm formation

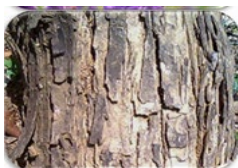
Figure 1:
Changes in mean gingival indices subjects with ligature-induced periodontitis



Botanical Origin & Physical Properties



- Name: *Scutellaria baicalensis*
- Part of Plant: Roots



- Name: *Acacia catechu*
- Part of Plant: Heartwoods

❖ Physical Properties: Greenish yellow to brown colored powder that partially dissolves in water

For more information, e-mail contact@unigen.net

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