

# DENTISTRY & ORAL CARE

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## Tolerance and palatability of a dental drinking water additive (Aquadent™ Fresh) containing pomegranate, erythritol and inulin

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Aquadent™ Fresh (Virbac) is a water additive for dental hygiene of dogs and cats that can be used daily. Its tolerance was evaluated during 28 days, in 22 beagle dogs and 18 cats, all adults and healthy. 10 dogs and 6 cats were given the recommended dose (1% v/v of drinking water), 8 dogs and 8 cats were given 5 times the recommended dose (5% v/v of drinking water) and 4 dogs and 4 cats had water only, with no product (control groups). Animals were observed daily. A complete clinical examination and body weight measurement was performed once a week. Food and water consumption were measured and feces examination performed daily from Day-14 (or Day-7) to Day 28. Blood samples were taken at the start and at the end of the study for analysis. Water consumption remained similar during the whole study period indicating there was no impact of Aquadent™ Fresh on spontaneous water consumption in both dogs and cats. No product-related clinical signs were observed and rectal temperature remained in the physiological range. No gastro-intestinal disorders were associated to the product administration. Aquadent™ Fresh did not affect body weight, food consumption, hematology or blood biochemistry. The palatability of Aquadent™ Fresh was also tested on 77 owner's dogs and 74 owner's cats during 7 days and compared to the palatability of the Aquadent™ formula containing Chlorhexidine, in a cross-over study, no difference was observed between the two formulas, therefore, Aquadent™ Fresh is safe and palatable for dogs and cats.

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