

## Evaluation Report for Category B, Subcategory 3.11 Application

**Application Number:** 2017-3121  
**Application:** B.3.11  
**Product:** Vet-Kem Ovispot plus Flea & Tick Control for Dogs Under 14 kg  
**Registration Number:** 26492  
**Active ingredients (a.i.):** 45% permethrin, 2.9% (s)-methoprene  
**PMRA Document Number :** 2828907

### Background

Vet-Kem Ovispot plus Flea & Tick Control for Dogs Under 14 kg (Reg. No. 26492) is a spot-on dog product which is formulated with 45% permethrin and 2.9% (s)-methoprene. This product is registered with a claim to kill fleas (eggs, larvae, and adults) and ticks on dogs. The product is for use only on dogs over 6 months of age and is applied at a rate of 1 ml product per dog with a reapplication interval of one month (4 weeks).

Permethrin is a pyrethroid insecticide which kills on contact by acting on the nervous system of insects. S-methoprene is an insect growth regulator that prevents the development of flea eggs and larvae into adult fleas.

### Purpose of Application

The purpose of this application is to add a claim of kills mosquitoes to the label of Vet-Kem Ovispot plus Flea & Tick Control for Dogs Under 14 kg.

### Chemistry Assessment

Not required.

### Health Assessments

Not required.

### Environmental Assessment

Not required.

### Value Assessment

Three trials on dogs were reviewed in support of the addition of a claim against mosquitoes to the Vet-Kem Ovispot plus Flea & Tick Control for Dogs Under 14 kg label. The submitted value information was sufficient to support a claim that Vet-Kem Ovispot plus Flea & Tick Control for Dogs Under 14 kg will kill mosquitoes for up to one month when applied to dogs as a spot-on according to the labelled application rate (1 ml product for dogs over 6 months of age and under 14 kg).

## Conclusion

The submitted information was sufficient to support a claim that Vet-Kem Ovispot plus Flea & Tick Control for Dogs Under 14 kg will kill mosquitoes on dogs for up to one month when applied as a spot-on at a rate of 1 ml to dogs over 6 months of age and under 14 kg in size

## References

- 2776892** 2017. Value Summary for Zodiac Powerspot and Vet-Kem Ovispot Topical Insecticide for Control of Mosquitoes. DACO 10.1, 10.2.1, 10.2.2, 10.2.3.1, 10.2.3.2(C), 10.3.1, 10.4, 10.5
- 2776893** 2016. Efficacy of Zodiac Powerspot Flea & Tick Control for Dogs against 3 species of mosquitoes. DACO 10.2.3.2(C)
- 2776894** 1997. Efficacy of a Permethrin and Pyriproxyfen Product for Control of Fleas, Ticks and Mosquitoes on Dogs. DACO 10.2.3.2(C)
- 2776895** 1994. Efficacy evaluation of "ECTa flea and tick insecticide with IGR" for fleas, ticks and mosquitoes on dogs. DACO 10.2.3.2(C)

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