

BAB 5

SIMPULAN

5.1. Simpulan

- Sediaan obat kumur yang mengandung minyak cengkeh 1% dengan penambahan Tween 80 pada konsentrasi 5% memiliki daya antibakteri terhadap *Streptococcus mutans* dengan nilai KHM pada konsentrasi 8.000 µg/ml, sedangkan sediaan obat kumur minyak cengkeh 1% dengan penambahan Tween 80 pada konsentrasi 6% dan 7% tidak memiliki daya antibakteri terhadap *Streptococcus mutans*.
- Ada perbedaan daya antibakteri dari sediaan obat kumur yang mengandung minyak cengkeh 1% dengan penambahan Tween 80 pada konsentrasi 5%, 6% dan 7%.

5.2. Alur Penelitian Selanjutnya

Perlu dilakukan modifikasi konsentrasi minyak cengkeh dengan konsentrasi dibawah 1% sehingga dapat digunakan Tween 80 dibawah konsentrasi 5% untuk diketahui sejauh mana efektivitas daya antibakteri minyak cengkeh dalam sediaan obat kumur tersebut.

Perlu dilakukan pengamatan yang lebih akurat mengenai penentuan KHM dengan cara turbidimetri atau dengan penanaman pada media padatnya.

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