

BAB 7

KESIMPULAN DAN SARAN

7.1 Kesimpulan

1. Ekstrak *Curcuminoid* dengan nanopartikel silika tidak mempunyai efek antibakteri terhadap bakteri *Escherichia coli*.
2. Ekstrak *Curcuminoid* dengan nanopartikel silika tidak mempunyai *MIC* dan *MBC* pada konsentrasi 62,5 µg/ml hingga 1000 µg/ml pada bakteri *Escherichia coli*.

7.2 Saran

1. Konsentrasi ekstrak *Curcuminoid* dengan nanopartikel silika dapat ditingkatkan untuk mendapatkan nilai *MIC* dan *MBC*.
2. Melakukan pengukuran pH untuk melihat pengaruh pH terhadap ekstrak *Curcuminoid* dengan nanopartikel silika.
3. Memastikan ruangan penelitian yang lebih kedap cahaya untuk menjamin paparan cahaya yang minimal

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