

BAB V

KESIMPULAN DAN SARAN

V.1. Kesimpulan

Kesimpulan yang dapat diperoleh dari penelitian ini adalah

1. Ekstrak yang memiliki TPC tertinggi adalah ekstrak kulit jeruk purut.
2. Nanopartikel perak campuran larutan AgNO_3 5 Mm/15 Mm dengan ekstrak kulit/ekstrak daun/sari buah jeruk purut memberikan zona hambat terhadap bakteri *Staphylococcus epidermidis* dan *Eschericia coli*. Namun hasil antibakteri *Staphylococcus epidermidis* dan *Eschericia coli* terbaik adalah nanopartikel perak dari larutan AgNO_3 15 Mm dengan ekstrak kulit jeruk purut.

V.2. Saran

Dari hasil penelitian ini, beberapa saran yang diberikan antara lain:

Pentingnya studi lebih lanjut terkait dengan nanopartikel perak dari kulit/daun/sari buah. Hal tersebut mengenai pengaruh jenis pereduksi dan volume pencampuran larutan AgNO_3 dengan pereduksi terhadap jumlah dan ukuran nanopartikel perak serta kemampuan antibakteri.

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