

BAB V

KESIMPULAN DAN SARAN

5.1 Kesimpulan

1. Berdasarkan hasil pada jurnal penelitian Kandungan Kimia pada Jeruk Nipis (*Citrus aurantifolia*) meliputi minyak atsiri, flavonoid, alkaloid, saponin, steroid, glikosida, terpenoid dan tanin.
2. Berdasarkan hasil pada jurnal penelitian Aktivitas Farmakologi pada Jeruk Nipis (*Citrus aurantifolia*) dapat digunakan sebagai antibakteri, antipiretik, antioksidan, hiperurisemia dan *antiacne*.
3. Berdasarkan hasil pada jurnal penelitian menunjukkan adanya korelasi antara Kandungan Kimia dan Aktivitas Farmakologi pada Jeruk Nipis (*Citrus aurantifolia*) yakni adanya minyak atsiri dengan kandungan utamanya yaitu D-limonen pada Jeruk Nipis memiliki aktivitas farmakologi sebagai antibakteri serta kandungan flavonoid yang memiliki aktivitas sebagai antioksidan yang mampu menghambat kerja enzim xantin oksidase dalam proses metabolisme asam urat selain itu flavanoid juga mempunyai efek antipiretik karena mampu menghambat reaksi siklogxygenase yang dapat berpengaruh terhadap biosintesis prostaglandin yang merupakan mediator pembentukan demam sehingga dapat menurunkan demam.

5.2 Saran

Pada penelitian selanjutnya yang menggunakan studi literatur pada tanaman Jeruk Nipis (*Citrus aurantifolia*) diharapkan dapat memfokuskan penelitian studi literatur pada salah satu macam kelas terapi atau aktivitas farmakologi pada tanaman Jeruk Nipis (*Citrus aurantifolia*).

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