

BAB V

KESIMPULAN DAN SARAN

4.3.1 Kesimpulan

Komposisi senyawa metabolit sekunder dalam minyak atsiri daun jeruk dari lima jenis jeruk yang tumbuh di Pulau Timor hasil distilasi uap-air dan dianalisis dengan GC-MS yaitu minyak atsiri daun jeruk keprok (*Citrus reticulata* Blanco), jeruk pomelo/bali (*Citrus grandis/Citrus maxima*), jeruk manis (*Citrus sinensis*), jeruk nipis (*Citrus Aurantifolia*), dan jeruk purut (*Citrus hystrix* D.C) secara berturut-turut terdiri atas 41; 40; 46; 33 dan 29 jenis senyawa dengan senyawa utama dalam minyak atsiri daun jeruk dari setiap jenis jeruk secara berturut-turut adalah senyawa linalool 44,46%; citronellal 32,43%; sabinene 18,78%; citral 21,16%; dan citronellal 46,08%.

5.2 Saran

Penulis menyarankan bagi peneliti selanjutnya untuk melakukan penelitian menggunakan sampel daun jeruk yang masih muda dan daun jeruk tua yang berwarna hampir kekuning- kuningan agar bisa dibandingkan hasilnya.

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