

BAB 5

KESIMPULAN

5.1. Kesimpulan

1. Perbandingan aktivitas antioksidan menunjukkan bahwa terdapat perbedaan yang signifikan ($p < 0,05$) antara ekstrak etanol 50% (309,7874 ppm) dengan ekstrak etanol 96% (218,1358 ppm) daun pandan (*Pandanus amaryllifolius*).
2. Perbandingan kadar flavonoid total menunjukkan bahwa tidak terdapat perbedaan yang signifikan ($p > 0,05$) antara total flavonoid ekstrak etanol 50% ($24,2286 \pm 2,4165$ mgQE/g) dengan ekstrak etanol 96 % ($25,7603 \pm 1,8361$ mgQE/g).

5.2. Saran

Perlu dilakukan pengkajian lebih lanjut pengaruh variasi konsentrasi pelarut terhadap hasil ekstraksi senyawa metabolik sekunder pada daun pandan (*Pandanus amaryllifolius*). Selain itu, perlu dilakukan identifikasi senyawa aktif secara lebih spesifik untuk mengetahui komponen yang paling berperan dalam aktivitas antioksidan.

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