BAB 5
KESIMPULAN DAN SARAN

5.1 Kesimpulan

1. Dapat dilakukannya pengukuran warna secara objektif mengikuti metode yang tertera pada Farrmakope Indonesia edisi VI dengan menggunakan larutan pembanding warna merah yang mengikuti Farmakope Eropa edisi X

2. Hasil koordinat warna dari larutan pembanding warna merah menunjukkan bahwa terjadi kenaikan nilai koordinat L* (kecerahan) pada setiap larutan pembanding yang intensitas warnanya berkurang. Sedangkan dengan berkurangnya intensitas warna pada larutan pembanding maka nilai koordinat a* dan b* semakin mengalami penurunan. Nilai a* yang didapatkan menginterpretasikan warna merah dan nilai b* menginterpretasikan warna kuning.

3. Hasil dari koordinat warna merah yang dihasilkan instrumen spektrofotometri dan kolorimetri memiliki pola warna yang sama akan tetapi keduanya memberikan hasil secara statistik yang berbeda sehingga kedua instrumen tersebut tidak dapat menggantikan satu dengan yang lain.

5.2 Saran

Hasil pembacaan warna yang sama dengan dua instrumen yakni spektrofotometri dan kolorimetri memberikan koordinat warna secara statistik berbeda. Meski keduanya dapat digunakan untuk melakukan pembacaan warna yang objektif tetapi dalam

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penggunaannya sebaiknya perbandingan warna dilakukan pada satu instrumen yang sama.

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