



BAB V

KESIMPULAN DAN SARAN

5.1 Kesimpulan

Kesimpulan yang diperoleh dari hasil penelitian Pemisahan Steviosida dan Rebaudiosida A dari Crude Glikosida Daun Stevia Rebaudiana dengan Membran Filtrasi:

1. Perbedaan jenis daun dan cara perlakuan akan berpengaruh terhadap konsentrasi glikosida.
2. Konsentrasi hasil separasi cenderung meningkat untuk tiap tingkat pengenceran.
3. Pengenceran optimum untuk separasi menggunakan membran adalah pengenceran 25 kali.
4. Semakin banyak pori pada membran (semakin kecil ukuran membran untuk luas area yang sama), maka konsentrasi hasil separasi akan semakin pekat.

5.2 Saran

Saran untuk penelitian selanjutnya adalah:

1. Perlu dilakukan analisis menggunakan HPLC agar mengetahui pasti konsentrasi glikosida yang ada.
2. Perlu dilakukan penelitian agar diperoleh steviosida dan rebaudiosida A secara terpisah dengan membran yang lebih selektif.
3. Perlu dilakukan penelitian menggunakan alat separasi membran yang lebih modern, seperti pemisahan yang menggunakan tekanan karena tekanan merupakan salah satu variabel penting dalam penggunaan membran.
4. Perlu digunakan instrumen dengan tingkat ketelitian yang lebih baik.

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