

BAB V

KESIMPULAN dan SARAN

5.1 Kesimpulan

Kesimpulan yang didapat dari penelitian ini adalah :

1. Nilai TAC paling optimum adalah sebesar \$ 369,900
2. TAC paling optimum terdapat pada letak *feed* asam dodekanoate 2, *feed* 2-etil heksanol 12, dan jumlah tahap reaktif 11.
3. Optimasi produksi *2-EthylHexyl Dodecanoate* menghasilkan TAC lebih rendah 10%.

5.2 Saran

Saran yang bisa ditujukan untuk penelitian selanjutnya adalah :

1. Dilakukan optimasi dengan cara simultan dengan *software* simplex, karena memungkinkan untuk mendapatkan hasil optimasi berbeda dan TAC lebih rendah untuk digunakan dalam dunia industri.

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