

## VI. KESIMPULAN DAN SARAN

### 6.1. Kesimpulan

- a. Produksi enzim selulase dari *Trichoderma viride* dengan menggunakan substrat rhizoma alang-alang menghasilkan aktivitas selulase tertinggi, yaitu CMC-ase sebesar 0,227 IU/ml, FP-ase sebesar 0,141 IU/ml dan  $\beta$ -glukosidase sebesar 0,202 IU/ml pada fermentasi hari ke-9.
- b. Waktu inkubasi yang optimal untuk mendapatkan enzim selulase yang maksimal adalah pada waktu inkubasi hari ke-9.

### 6.2. Saran

Perlu diadakan penelitian lebih lanjut berupa pemurnian enzim sehingga diperoleh aktivitas enzim selulase yang lebih tinggi.

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