BAB 5
KESIMPULAN DAN SARAN

5.1 Kesimpulan

Dari penelitian ini dapat diambil kesimpulan bahwa kondisi optimal dalam produksi L-Asparaginase oleh bakteri dan kapang pada rentang suhu 37ºC-40ºC, rentang pH 6,0-8,0, sumber nitrogen berasal dari L-Asparagin, sumber karbon berasal dari gula (sakarida) dan pengkondisian fermentasi dengan memperhatikan komponen beserta konsentrasi bahan dari media yang digunakan, ukuran partikel media, ketebalan media padat, pH media, suhu fermentasi, pemberian aerasi, dan pengaturan kelembaban.

5.2 Saran

Dari hasil kaji ulang literatur yang telah dilakukan maka dapat disarankan bahwa perlu dilakukan penelitian lebih lanjut terhadap berbagai jenis mikroorganisme yang ada terkait dengan pengaruh kondisi fermentasi, suhu, pH, dan kebutuhan nutrisi terhadap produktivitas enzim L-Asparaginase oleh mikroorganisme.

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