

Amobilisasi Inulinase Aspergillus clavatus Gmn 11.3 Galur Lokal Indonesia dengan Matrik Karbon Aktif

Title	Amobilisasi Inulinase Aspergillus clavatus Gmn 11.3 Galur Lokal Indonesia dengan Matrik Karbon Aktif
Author Order	1 of 5
Accreditation	
Abstract	Two types of inulinase are produced by Aspergillus clavatus Gmn 11.3 within the 3rd and 5th days of fermentation. The optimum condition of two types of immobilized inulinase is achieved using 20 grams of activated carbon, 200 meshes with protein adsorption of 96.71% and 96.19% respectively. Following immobilization of inulinase, incubation was carried out for 30 hours to hydrolyze inulin. After incubation, the proteins retained on the matrix are 66.96% of the 3 days fermentation enzymes and 37.36% for 5 days of fermentation enzyme.
Publisher Name	Lembaga Penelitian dan Pengabdian kepada Masyarakat Universitas Riau
Publish Date	2018-05-04
Publish Year	2007
Doi	DOI: 10.31258/jnat.10.1.31-35
Citation	
Source	Jurnal Natur Indonesia
Source Issue	Vol 10, No 1 (2007)
Source Page	31-35
Url	https://natur.ejournal.unri.ac.id/index.php/JN/article/view/5372/5030
Author	Dr SARYONO, M.Kes