



SDI Review Form 1.6

OrPART 1:

Journal Name:	British Microbiology Research Journal
Manuscript Number:	MS: 2012 BMRJ 2815
Title of the Manuscript:	Induced; thermal influence on morphology of <i>Aspergillus carbonarius</i> during raw starch digesting amylase production

General guideline for Peer Review process is available in this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

- This form has total 9 parts. Kindly note that you should use all the parts of this review form.



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PART 2: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<u>Compulsory</u> REVISION comments		
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments	In this manuscript, the authors described an increased temperature on morphology of <i>Aspergillus carbonarius</i> during raw starch digesting amylase production. Although <i>A. carbonarius</i> produces large amount of raw starch digesting amylase and is of industrial interest, the authors only observed changes in morphology of <i>A. carbonarius</i> upon induction of temperature shift, while amylase activity was not changed. Therefore, this manuscript did provide further useful information on amylase productivity. The data obtained now may serve as a clue for further investigation, But it is not suitable for publication in this journal.	Ordinarily shift in temperature impacts negatively on morphology and subsequently influence yield. However with <i>Aspergillus carbonarius</i> . A high enzyme yield was still observed irrespective of the change in morphology. This is very important in an industrial process, as control of mycelia morphology is a prerequisite for industrial application. Punpeng et al., (1992) reported a lower yield of RSDE productivity from culture, when there was a shift in temperature from 15 to 25°C