



SDI Review Form 1.6

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| Journal Name: | Asian Food Science Journal |
| Manuscript Number: | Ms_AFSJ_49061 |
| Title of the Manuscript: | Optimization of process parameters for production of alkaline protease by OVAT method using isolated strain Alternaria alternata TUSGF1 |
| Type of the Article | |

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

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



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PART 1: 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) |
|--|--|---|---|
| Compulsory REVISION comments | <p>Line 11 study for studied</p> <p>Line 15 delete one – from</p> <p>Line 21, change skim to skimmed milk</p> <p>Line 24, change fram to farm.</p> <p>Line 24, change establish to established</p> <p>Line 34, change since to because and utilize to utilization</p> <p>Line 35-36, be explicit or reconstruct the statement</p> <p>Line 37, reconstruct the statement</p> <p>Line 45 and 46, you may change it tomicroorganisms to be significantly enhanced</p> <p>Line 48 and 49, reconstruct the statement, please.</p> <p>Line 51, remove "s" from reports</p> <p>Line 66, apply space bar between MgSO₄ and 0.5, insert the unit of 0.5</p> <p>Line 74, is an incomplete statement</p> <p>Line 76, write et al as et al.</p> <p>Line 84, change was to were</p> <p>Lines 90 and 101 apply space between figures and units</p> <p>Lines 91, 8, 130, be consistent with the use of hours, h, hrs as unit of time</p> <p>Line 92, write 3-9 days instead of 3-9 day</p> <p>Line 95, replace skimmed milk for skim milk in all the places it appeared</p> <p>Line 131, fig. 4 supposed to be fig. 2</p> <p>Line 132, delete was</p> <p>Line 133, delete is or recast the statement</p> <p>Line 161 and 162, delete 'were' before incubated, insert 'of' after ranges and remove parenthesis</p> <p>Line 164, insert when in the place of although</p> <p>Line 192, replace 'old' for 'age' and report not in hours but in days as presented in graph</p> <p>Line 220, delete but start your presentation from various but with capital 'V'</p> <p>Line 223, delete was</p> <p>Line 276, apply comma (,) after yeast extract</p> <p>Line 179, change enhance to enhancement</p> <p>Line 312, change 'it' to 'in', delete 'the' and 'of'</p> | <p>-Statistical analysis origin 6.1 software was study studied to optimize</p> <p>-microorganism was isolated from from a poultry</p> <p>-skim milk,</p> <p>-fram soil was studied</p> <p>-It was establish that the optimum</p> <p>-most broadly studied group of enzymes since because of their wide utilize utilization in</p> <p>-and with two-third of distribute in detergent industry alone [1</p> <p>-chemicals that cleave peptides since of the cheaper production rate and utilize of renewable resources</p> <p>- It is well known to alkaline protease production by microorganisms is significantly enhance by media</p> <p>- Designed for productions of enzyme for industrial apply isolation and characterization</p> <p>- This paper reports the results of a study</p> <p>- MgSO₄ 0.5</p> <p>- since the amount of enzyme that released 1µg of tyrosine per minute under the assay condition.</p> <p>- of Lowry <i>et al</i> (1951),</p> <p>- All the data was statistically evaluated by</p> <p>- (20ml, 40ml, 60ml, 80ml),</p> <p>- to 216 hours, 168 h, etc.</p> <p>-3-9 day</p> <p>- skim milk</p> <p>-(37 U/ml), (0.120 mg/ml) and (20 mg/ml) respectively (Fig 4).</p> <p>-the enzyme activity, total protein and cell biomass was</p> <p>- The fermentation period is fixed designed for the maximum.....</p> <p>- The fermentation flasks were incubated at different temperature ranges (20 °C, 30 °C, 40 °C and 50°C) were used individually for protease production</p> <p>-.... be considered a significant parameter although carrying out.....</p> <p>-..... with a 168 hrs age of inoculum. It was observed that 7 days age of inoculum.....</p> <p>- The effect of various agitation rates on alkaline protease production</p> <p>- production was decreased.</p> <p>- i.e. casien, skim milk, yeast extract peptone</p> <p>- nitrogen sources have significant enhance on production of alkaline protease.</p> <p>-... accessible production it the substrate of selection for cost effective.....</p> | <p>Thank you for your valuable suggestions. Corrections are made as per suggestion in revised manuscript.</p> |
| Minor REVISION comments Draw a little recommendation from the study. | | After conclusion | |



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| Optional/General comments The author would have exploited every point in Fig.s 1- 5 and not restricting his discussion to the scope of the study only. | | | |

PART 2:

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| | Reviewer's comment | Author's comment <i>(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)</i> |
| Are there ethical issues in this manuscript? | <i>(If yes, Kindly please write down the ethical issues here in details)</i> | |