

## Review Form 1.6

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|--------------------------|---|
| Journal Name:            | <a href="#">Asian Journal of Food Research and Nutrition</a>  |
| Manuscript Number:       | Ms_AJFRN_92284  |
| Title of the Manuscript: | Response Surface Modelling of Effects of Extrusion Conditions on some Anti-nutritional composition of Water yam based Noodles Analogue. |
| Type of the Article      | Original Research 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:

<https://journalajfrn.com/index.php/AJFRN/editorial-policy>

### 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) |
|-------------------------------------|---|---|
| <b>Compulsory</b> REVISION comments | <ul style="list-style-type: none"> <li>The researcher has used 2<sup>nd</sup> degree polynomial model for response surface and has labelled it as quadratic polynomial equation. The meaning of quadratic equation is highest power in the equation fitted is 2 only however researcher has written the combination <math>x^1x^2x^3</math> with coefficient. <math>\beta_{123}</math> clearly indicates that the highest power is 3 and as such it cannot be quadratic equation. If researcher is interested in fitting cubic form of equation he/ she has to include <math>x_1^3, x_2^3, x_3^3</math>. Therefore researcher should make it clear whether quadratic or cubic form is fitted and modify equation and do analysis accordingly.</li> <li>Researcher has fitted response surface curve and plotted tangent to it. However tangent equation is not given.</li> <li>In the interactions <math>\beta_{123}</math> is not presented in table 2. In table 3 sum of squares are presented along with the significance level for first &amp; second order terms however it is not very clear whether researcher wanted to suggest 1<sup>st</sup> or 2<sup>nd</sup> order curve.</li> </ul> |   |
| <b>Minor</b> REVISION comments      | <ul style="list-style-type: none"> <li>In light of the analysis and diagrams presented conclusions need to be narrated and revised.</li> <li>Paper is recommended for publication after incorporating corrections as given.</li> </ul>  |   |
| <b>Optional/General</b> comments    |   |   |

### PART 2:

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

### Reviewer Details:

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|----------------------------------|---|
| Name:                            | Sonal Tuljaram Kame   |
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