

Review Form3

JournalName:	JournalofAdvancesinBiology&Biotechnology
ManuscriptNumber:	Ms_JABB_121831
TitleoftheManuscript:	OptimizationandCharacterizationof Freeze-DriedPumpkinPowders:PowderQualityandNutrientStability
TypeoftheArticle	OriginalResearchArticle

PART1: ReviewComments

Compulsory REVISIONcomments	Reviewer'scomment	Author'sFeedback (Pleasecorrectthemanuscriptandhighlightthatpartinthemanuscript.Itismandatorythatauthors shouldwritehis/herfeedbackhere)
Pleasewriteafewsentencesregardingtheimportanceofthismanuscriptforthescientificcommunity.Whydo youlike (or dislike)thismanuscript?Aminimumof3-4 sentencesmaybe requiredfor this part.	Althoughfreeze-dryingtechnologyhasbeenwidelyemployedandpowderpumpkinpulpproductsarewidelymarketed, this researchcanserveasanadditional scientific reference. Thereissufficientcontributiontothescientificcommunityfromthearticle regarding freeze-dried pumpkinpowders.	
Isthe titleofthearticlesuitable? (Ifnotpleasesuggestanalternativetitle)	Thearticletitle hasnotquitesuitable tothetopicandinaccordancewiththecontent; thecontentdidnotdiscussoptimization steporprocess;however, ithasquite explainedcharacterizationof freeze-driedpumpkinpowders.MoreQualityand nutrientstabilityparametersshouldbeexamined.	
Istheabstractofthearticlecomprehensive?Do you suggesttheaddition(or deletion)ofsomepointsinthis section?Pleasewriteyoursuggestionshere.	The abstract isnotcomprehensiveyet; additional informationinmoredetail, furthermoreconcisemethodandsuggestion resultisneeded.	
Aresubsectionsandstructureofthemanuscript appropriate?	Yes,themanuscript'ssubsections andorganizationarequite appropriate.	
Pleasewriteafewsentencesregardingthescientific correctnessofthismanuscript.Whydoyouthinkthat thismanuscriptis scientificallyrobustandtechnically sound?Aminimumof3-4sentencesmaybe required for this part.	<ul style="list-style-type: none"> thepurposeoftheresearchhasnotbeenexplicitlymentionedinthe introduction. Althoughthepreliminaryresearchhasclearlyexplainedtheproblemfroma scientificstandpoint,itisstill requiredtoaddaneconomicadvantagetothethe choiceoffreeze-dryingmethodswHENappliedtoCOMMODITIESthat have lowereconomicvalue (suchaspumpkinpulp),asthiswouldincrease productioncostsif implemented. Theintroduction wouldbebetternotincludetheconclusions. Inordertoaccomplishamore reproducibletudy,moreinformationaboutthe treatmentofthestudyobject (suchaswhentheCucurbitamoschatafruitswere harvested (atwhatagesorunderwhichconditions),whetherthesample originatedfromasinglefruit, thenumberoftreatmentsapplied,how muchis utilizedforeachtreatmentrepetition,andthenumberofrepetitions)shouldbe mentionedinmoredetail. Eachtesttechnique's referencehasbeenstatedinthemethodsection, however therearecertaindifferencesineachmethodduetofactorsuchas samplesandinstrumentsutilized.Inthis regardeachmethod should bebriefly described. Furtherexplanationsareneededtobediscussed;tounderstandhow freeze-dying reducesascorbicacid,crudefiber, β-carotene, total polyphenol,and antioxidantactivity.What isthe fundamental causeoftheobservevents,at leastbasedonsimilarresearch? 	

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<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention</p>	<ul style="list-style-type: none"> This manuscript still uses references that are more than ten years old. There are more than 50%. 	
<p>-</p>	<ul style="list-style-type: none"> Reference writing is inconsistent, for example: <ul style="list-style-type: none"> - Autor. Title. Journal. Years; series. - Autor. Title. Journal. (Years); series. - Autor. Years. Title. Journal. series - Autor. Years. Title. Journal. Years; series - Potosí-Calvache, D.C., Vanegas-Mahecha, P. and Martínez-Correa, H.A., - Kiharason JW., Isutsa DK., Ngoda PN. 	
<p><u>Minor REVISION</u> comments</p> <p>Is the language/English quality of the articles suitable for scholarly communications?</p>	<ul style="list-style-type: none"> The English quality is suitable for scholarly article with some corrections and improvements. Except for %, writing units are separated to the number or word that follows, for example: 7.46mg, 0.24aw, -20°C, 15.75%; 6.49mg 100g⁻¹, 0.12gcm⁻³ → 7.46mg, 0.24aw, -20°C; 15.75%; 6.49 mg. 100 g⁻¹; 0.12g.cm⁻³ Figure titles should be placed underneath them, and each photo should have its own title. There were some abbreviations that were not previously mentioned, example CRD, CD, SE, NS 	
<p><u>Optional/General</u> comments</p>		

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

Reviewer Details:

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