SDI Review Form 1.6

Journal Name:	**International Journal of Biochemistry Research & Review**
Manuscript Number:	**Ms_IJBCRR_31858**
Title of the Manuscript:	**Influence of Harvesting Stage on Storage and Nutritional Quality of Tomato (Lycopersicon esculentum Mill) cv. PKM-1**
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:

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

SDI Review Form 1.6

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	**Language** and style of writing allow understanding of the idea of work. But some sentences should be revised. **Title of article** is well defined but I think more appropriate article is: Influence of Harvesting Stage and Storage Temperature on Nutritional Quality of Tomato (*Lycopersicon esculentum* Mill) cv. PKM-1 **Abstract** is concise and factual. In **Introduction**, authors give the objectives of the work. More literature review for the changes in biochemical parameters of tomato fruits and storage conditions should be added. **Materials and methods** are well described, and some more details should be provided to allow the work to be more precise. Why the cultivar PKM-1 is chosen? Please give us some description of the cultivar (shape of fruit, average weight of fruit)? Is it new or heirloom genotype? Why the fruits stored at 6℃ were wrapped in polythene bag, while the fruits stored at room temperature were placed as a single layer in a paper carton? The total amount of the sample is 1 kg, but which amount you use for each analysis 3rd, 6Th day..? **Line 66** Please write the size of sample used for each biochemical analysis **Results** of this investigations are clear and concise and well interpreted, but the obtained results should be discussed with more literature data. **Conclusion** is clear and based on the obtained results.	

SDI Review Form 1.6

Minor REVISION comments	**Line 16** Instead of on storage-during storage **Line 17** Instead of Storage –Tomato fruits stored **Line 27-28** Revise the sentence it is not clear **Line 42** too early or too late? (Something is missing in this sentence?) **Line 48** Several studies –please cite some **Line 50-53** it should be two sentences instead of one**.** **Line 70** The total phenol content in the test samples was calculated from the standard curve and expressed as mg. ?/ g. sample. Please write **Line 76-78** The effect of low temperature on shelf-life and the effect of nutritional quality of several tomato varieties were previously studied (Moneruzzaman et al. 2009; Nour et al. 2014). This sentence should be revised. **Table 1,2** in the legend abbreviations SED and CD should be explained **Line 130** Ghosh et al. 2014 is not cited in the references **Line 130** after chromoplasts should be full stop **Line 150** Ali et al. (2010) instead of (Ali et al. 2010). **Line 147** decreased from 43.77 mg 100g-1 to 17.3 and 30.13 mg 100g-1 when stored at 28 and 6°C respectively 30.71 and 39.71 are average values. **Line 181** Malick CP, Singh M. Plant enzymology and Histoenzymology. Kalyani publishers, New Delhi; 1980. this reference is cited in the text Malik and Singh	
Optional/General comments		

Reviewer Details:

Name:	***Sladjana Medić Pap***
Department, University & Country	***Vegetable Crops Department, Institute of Field and Vegetable Crops, Serbia***