

Review Form 1.6

Journal Name:	International Research Journal of Pure and Applied Chemistry
Manuscript Number:	Ms_IRJPAC_87791
Title of the Manuscript:	LEVELS OF DEOXYNIVALENOL AND AFLATOXIN MYCOTOXINS IN GRAINS IN SOME MARKETS OF MAKURDI METROPOLIS - NIGERIA
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://www.journalirjpac.com/index.php/IRJPAC/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)
Compulsory REVISION comments	The manuscript in general discussed an important problem that threaten human and animal health. Unfortunately the writing process of the manuscript was very not clear and not good at all.	Noted
Minor REVISION comments	The manuscript must be rewritten because of linguistic and scientific errors. The author needs to read more literatures concerning this topic.	OK
Optional/General comments	Fatal errors in introduction and materials and methods. such as E.coli must be incubated at 42 C. Moulds not incubated at 37C, so how come you detect it, please read Iso-normsSTNISO7954(1997). The data concerning microbial enumeration and mycotoxins are not statistically analysed only the correlation was mentioned. The methodology of growing and enumeration of bacteria and fungi must be rewritten. Another scientific error, moulds are obligate aerobic fungi so how come you enumerate aerobic fungi and moulds separately? and why you determined the coliform potential instead to detect the fungal growth and determined their genera and their species that's more logic and more related to your study. Why you uses a sieve before you estimated the mycotoxins,. It is very wrong to use a composited sample. The number of the samples was not the right number. Why you are not utilized a pilot multi-screening of mycotoxins method for each grain types before you used Don and total afla Elisa kits .. How can you be sure that your samples not containing another mycotoxins. Why you utilize two types of Elisa ,indirect for afla and direct for Don .	Correction made

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)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details) No	

