

Review Form 1.6

Journal Name:	Journal of Materials Science Research and Reviews
Manuscript Number:	Ms_JMSRR_91228
Title of the Manuscript:	The binding property of pregelatinized cocoyam starch on paracetamol tablets.
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://journaljmsrr.com/index.php/JMSRR/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 aim of the present study is to determine the binding property of Pregelatinized Cocoyam starch on Paracetamol tablets. This study determines the physical, compressional and binding properties of Pregelatinized Cocoyam starch on Paracetamol in comparison with native starch. The physical and flow properties were evaluated using density parameter, porosity, Carr's index and Hausner's ratio and flow rate. The tensile strength, crushing strength, friability/disintegration time ratio were used to evaluate the mechanical properties of Paracetamol tablets while the drug release properties of the tablets were assessed using disintegration time and dissolution time. There was no significant variation across the concentration of the binders of both red and white Cocoyam starch of both native and pregelatinized starch. The granules formed when the pregelatinized Cocoyam starch was used gave flow rates similar to native cocoyam starch having a better flow rate than white Cocoyam starch.	
Minor REVISION comments	Use some recent references (2019 onwards)	
Optional/General comments	Data supporting the conclusions	

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)	

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