



SDI Review Form 1.6

Journal Name:	Journal of Advances in Medical and Pharmaceutical Sciences
Manuscript Number:	Ms_JAMPS_37028
Title of the Manuscript:	EVALUATION OF THE SUSPENDING PROPERTIES OF A NOVEL HYDROPHILIC BIOPOLYMER DERIVED FROM THE TUBERS OF IPOMOEA BATATAS ON SULFAMETHOXAZOLE SUSPENSION
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.

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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)
<u>Compulsory</u> REVISION comments	This work was aimed to examine a novel hydrophilic biopolymer, <i>I-polygel</i> (IP) derived from <i>Ipomoea batata</i> tubers (Convolvulaceae) as a suspending agent in sulphamethoxazole (SMX) suspension using acacia (AC) and tragacanth (TG) respectively as comparing standards. For this purpose aqueous suspensions of SMX containing 1, 2, 4 or 5 % w/v of IP, AC or TG respectively were prepared and evaluated using sedimentation volume, rheology, viscosity, free-thaw cycle and redispersibility tests. It was found that application of a developed hydrophilic polymer, IP as a suspending agent in comparison to AC and TG in the formulation of SMX suspensions yielded a more consistent and stable suspension with better rheological properties, higher viscosities and ease of redispersion of suspension with minimal shear stress. This is a good paper and worth to publish in Journal of Advances in Medical and Pharmaceutical Sciences. The similarity index of this paper is 8%.	
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		

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