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Review on Preparation and Evaluation of 300 mg Aspirin Tablet by Wet Granulation Method

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Abstract: The goal of the current study was to create aspirin tablets using the wet granulation method with less excipients and to evaluate how it performed against other brands. In addition to aspirin, the design formulation also included excipients such lactose, maize starch, and aerosil. The mixture was compressed using a single punch machine, and the tablets were then put through a series of tests (including ones for uniformity of weights, diameter and thickness, hardness, disintegration, dissolution, and drug assay), with the results being compared to those of some of the competing brands. The investigated formulation closely resembled the commercially available brands and complied with all official requirements. To create a solution that is affordable, additional research should be planned utilizing different active ingredients and excipients.[1]

Keywords: Aspirin, Acetyl salicylic acid, direct compression, Dissolution, Disintegration, Hardness. [2]

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