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(57) Abstract :

According to the embodiment of the present invention, Isradipine standard drugs were selected. Stability a study was performed in order study any possible interaction between drug and selected excipients. 102 Drug, natural Xanthine, Avicel PH, were mixed thoroughly, then it's mixed with PVP-K-30 to form a wet mass (Powder 1). The wet mass is passed into sieve no 40 and 20 to form a granules which is kept at oven drying at 25-40oC form 1hrs. 104 The dried parts are introduced to Magnesium Stearate and Tale for the free flowing in to the hopper (Powder 2). Powder 2 is then introduced to the tablet machine and compressed on a single punch press applying a compression force of a 9 KN (preliminary work) or 12 KN (experimental design), equipped with a 5 mm concave punch.

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