METHODOLOGY FOR 5-FLUORURACIL TABLETS:

Preliminary screening of formulation variables

In preliminary screening, the formulations are prepared by direct compression of the physical mixture.

Evaluation of prepared tablets

Compressed tablets are evaluated for assay, weight variation and friability according to USP

In-vitro dissolution study

Dissolution study is carried out using type II (Paddle type) Electrolab TDT-06T dissolution test apparatus USP XXIV

Preparation of core tablets

The core tablets containing 5-FLUORURACIL (30 mg), Starch 1500 and two different grades, HPC-M, HPC-H are prepared by direct compression using 8 mm flat punch. Compression coating of core tablets

The core tablets are coated by compression coating using 10 mm standard flat punch in the Rimek rotary press

METHODOLOGY OF METRONIDAZOLE TABLETS

Preparation of metronidazole core tablets:

The core tablets (average weight 250 mg) of metronidazole for compression coating with Chitosan and Carbopol 934 P are prepared by wet granulation technique Preparation of metronidazole compression coated tablets:

The core tablets of metronidazole are compression coated with different coat formulation.