

Experiment name: Formulation and preparation of
Metronidazole oral suspension (50mg)

Procedure:

At first I took benzyl metronidazole (1.6g) in a mortar and added tween 80 (3 drops).

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Then I took a beaker and added sucrose syrup (20ml), Sorbitol (5ml), glycerin (5ml), citric acid (0.1), Sodium citrate (60mg), methyl paraben (10ml), propyl paraben (4ml)

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Then I added benzyl metronidazole in the beaker.

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I took another beaker and added CMC (0.5gm) in 5ml of water and mixed slowly by uniform pressure.

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Finally added ingredients of ^{second} first beaker to the first beaker and mixed slowly to get suspension.