Preparation of Stock Solutions:

2.4.2 Preparation of stock solution of Candesartan:

Weight equivalent to 10.00 mg of candesartan working standard was dissolved it in 10 ml of Methanol to get concentration 1000 µg/ml stock solution of candesartan.

2.4.3 Preparation of stock solution of Irbesartan Internal Standard:

Weight equivalent to 10.0 mg of irbesartan working standard was dissolved it in 10 ml of ACN to get concentration of 1000.0 µg/ml stock solution of irbesartan.

Preparation of working solutions:

2.4.4 Preparation of working solution of irbesartan I.S:

we took 200 µl from irbesartan stock solution (1000.0 µg/ml) and dilute it to 100 ml of ACN which was considered to be I.S working solution (B-IS) that contains 2.0 µg/ml of irbesartan.

2.4.5 Preparation of working solution for candesartan:

200.0 µl from 1.0 mg/ml stock solution was added to 10.0 ml of 1:1 water/methanol in volumetric flask to obtain 20.0 µg/ml working solution.

2.4.6 Preparation of Candesartan serial spiking samples in plasma:

Samples of standard curve in plasma were prepared by spiking 100.0 µl from serial solution into 10.0 ml of plasma, using seven concentrations, not including zero to obtain STD concentrations of: 10, 25, 75, 250, 400, 600, and 1000 ng /ml for candesartan in plasma, Table 8. Each concentration of the plasma sample was divided to 25 µl in 1.5 ml eppendorf tube and kept at (-30˚C), standard samples were given daily together with the quality control samples.