

concentration level yield from dissolving 30 mg esomeprazole and 20 mg tadalafil in 50 ml solvent of mobile phase.

80% conc. Level yields from dissolving 48 mg esomeprazole and 32 mg tadalafil in 50 ml solvent of mobile phase.

100% conc. Level yields from dissolving 60 mg esomeprazole and 40 mg tadalafil in 50 ml solvent of mobile phase.

120% conc. Level yields from dissolving 72 mg esomeprazole and 48 mg tadalafil in 50 ml solvent of mobile phase.

150% conc. Level yields from dissolving 90 mg esomeprazole and 60 mg tadalafil in 50 ml solvent of mobile phase.

Triple injections analysis of each sample, a linear analysis was done on average peak areas versus the concentration of level studied. The results for esomeprazole and tadalafil are shown in tables (10,11).

#### **2.14 Accuracy Sample Test preparation**

There samples at three different concentration levels 50%, 100% and 150% were prepared by dissolving it in mobile phase solution (solvent) and diluting in 50ml mobile phase as in sample solution preparation, in each level of concentration the injection is triplicate in comparison to standard sample solution; which is prepared also by the same way, results are shown in tables (12,13).

#### **2.15 Stability of Analytical Solution Test Preparation**