

The above results show that the recovery % for test and reference formulation are within the accepted range, and from all the chromatograms we conclude that the method is selective.

3.8 Force degradation

This test was done by applying the active ingredients, finished dosage form to extreme derivative conditions such as basic and acidic conditions.

- Acidic conditions : 5 mL of 1 M HCl for 1 hr.
- Basic conditions : 5 mL of NaOH for 1 hr.

The results are shown in table (25) and chromatograms are within figures (32,33,34,35,36,37,38,39, and 40).

Table (25): Peak purity for the standard, active ingredient and placebo solution

Sample name	Purity of Esomeprasole(%)	Purity of Tadalafil(%)
Standard at normal condition	99.91	99.91
Sample at normal condition	99.92	99.90
Standard with 1M HCl	99.92	99.87
Sample with 1M HCl	99.94	99.32
Standard with 1M NaOH	99.98	99.45
Sample with 1M NaOH	99.94	99.85