**SIMULTANEOUS DETERMINATION AND VALIDATION OF TELMISARTAN AND RAMIPRIL IN PHARMACEUTICAL DOSAGE FORM BY RP – HPLC AND HPTLC**

**Schematic Representation of HPLC**

 **Solvent container ⎯ Pump ­⎯ Damping unit ⎯ Injection port**

 **|**

 **Column**

 **|**

 **Recorder ⎯ Detector**

 **|**

 **Effluent**

**Schematic procedure for HPTLC**

 The various steps involved in HPTLC are schematically represented as follows:

 Sample and standard

 Preparation

 Layer pre-washing

 Selection of chromatographic layer

Layer pre-conditioning

Application of sample and standard

Chromatographic development

 ****

Scanning and documentation of chromatoplate

Detection

**Chromatogram of Telmisartan & Ramipril Formulation**

###

### Linearity of Telmisartan



**Linearity of Ramipril**

****

 **Chromatogram of Recovery Studies at 5% Level**

****

**Chromatogram of Recovery Studies at 10% Level**

****

**Chromatogram of Recovery Studies at 15% Level**





 **Linearity of Telmisartan**

#



## Overlain densitogram for Linearity of Telmisartan and Ramipril



**Recovery Densitogram of Telmisartan and Ramipril**