**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

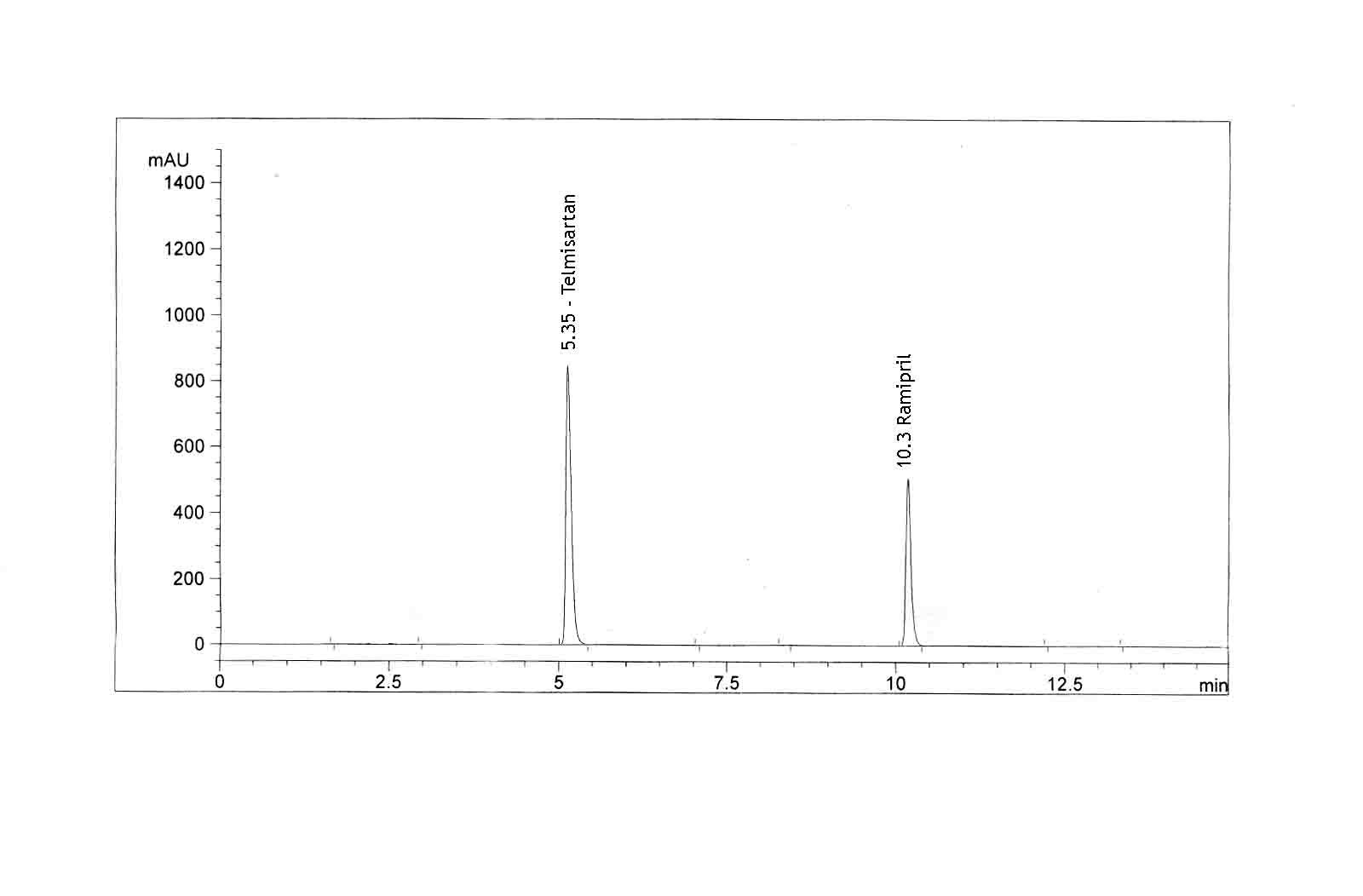
Layer pre-washing

Selection of chromatographic layer

Layer pre-conditioning

Application of sample and standard

Chromatographic development

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Scanning and documentation of chromatoplate

Detection

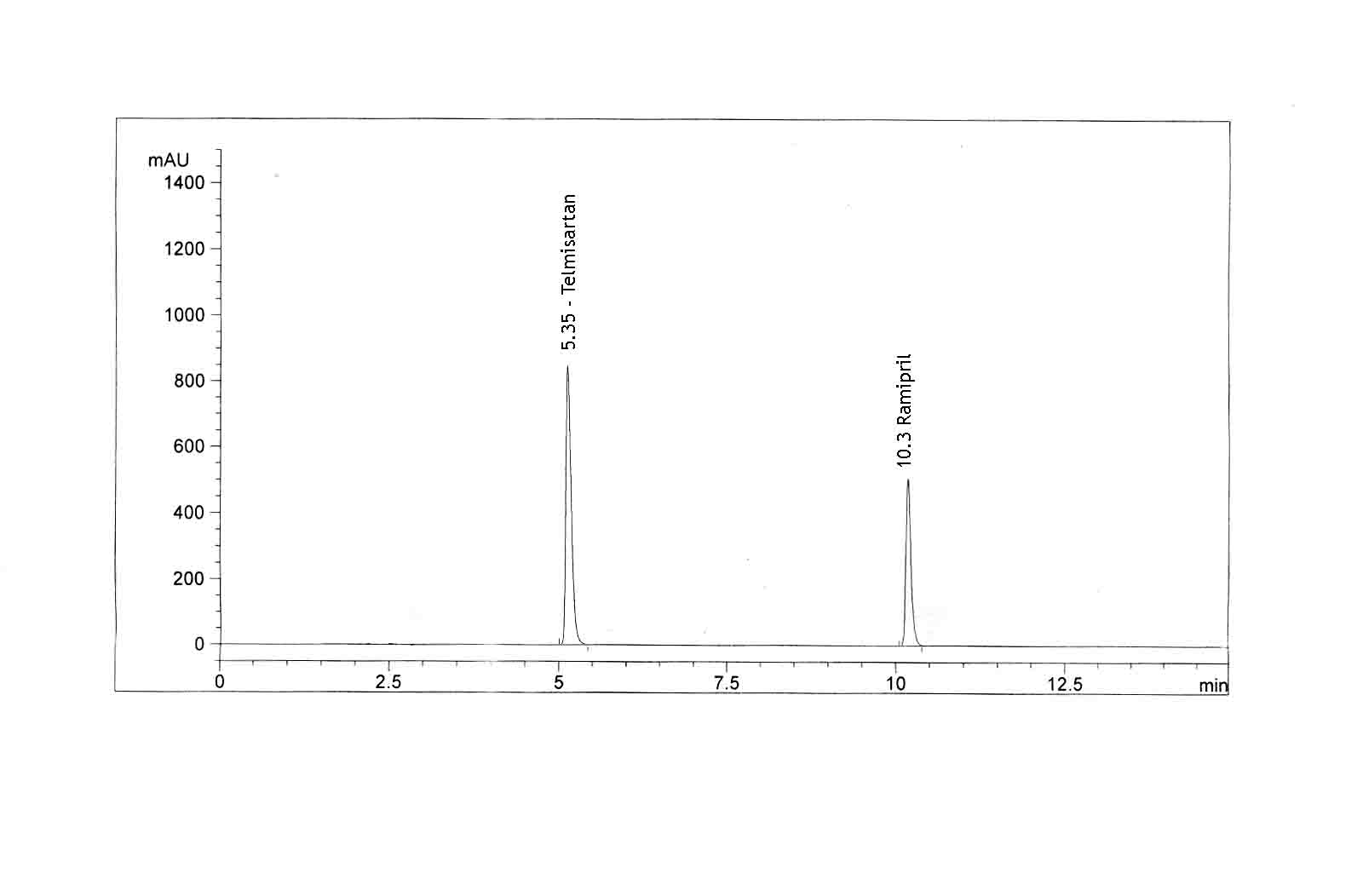
**Chromatogram of Telmisartan & Ramipril Formulation**

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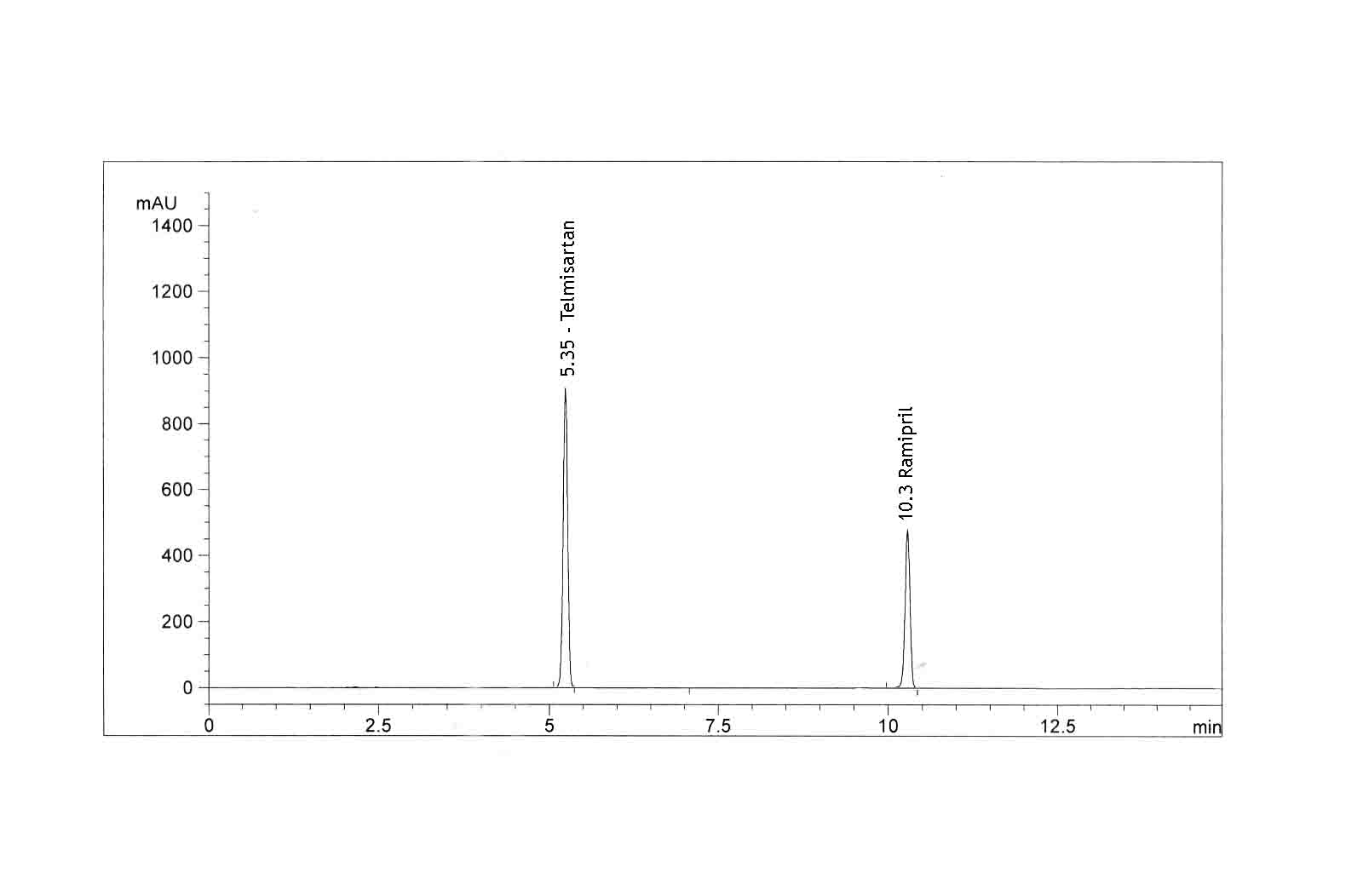
### Linearity of Telmisartan



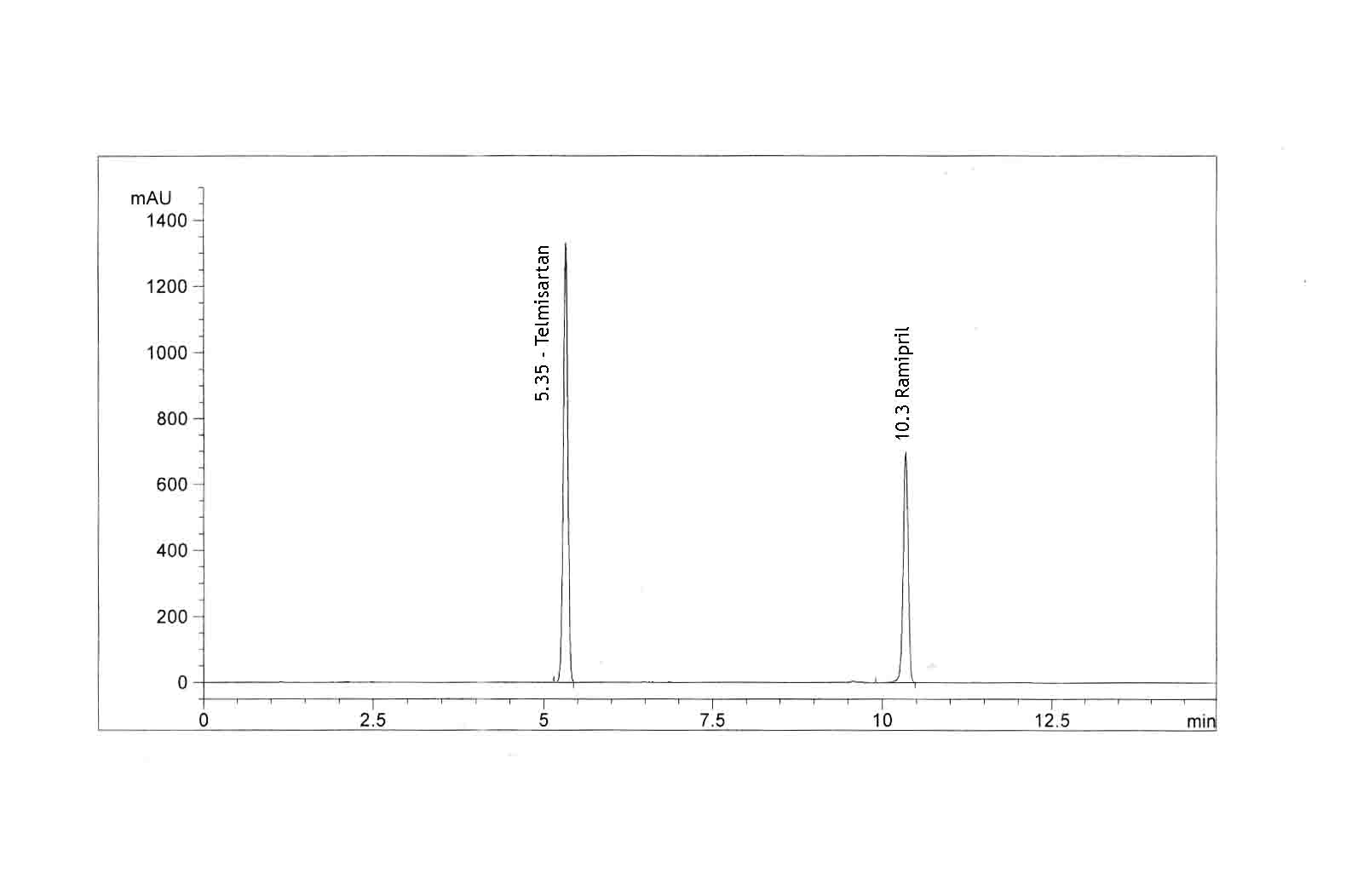
**Linearity of Ramipril**

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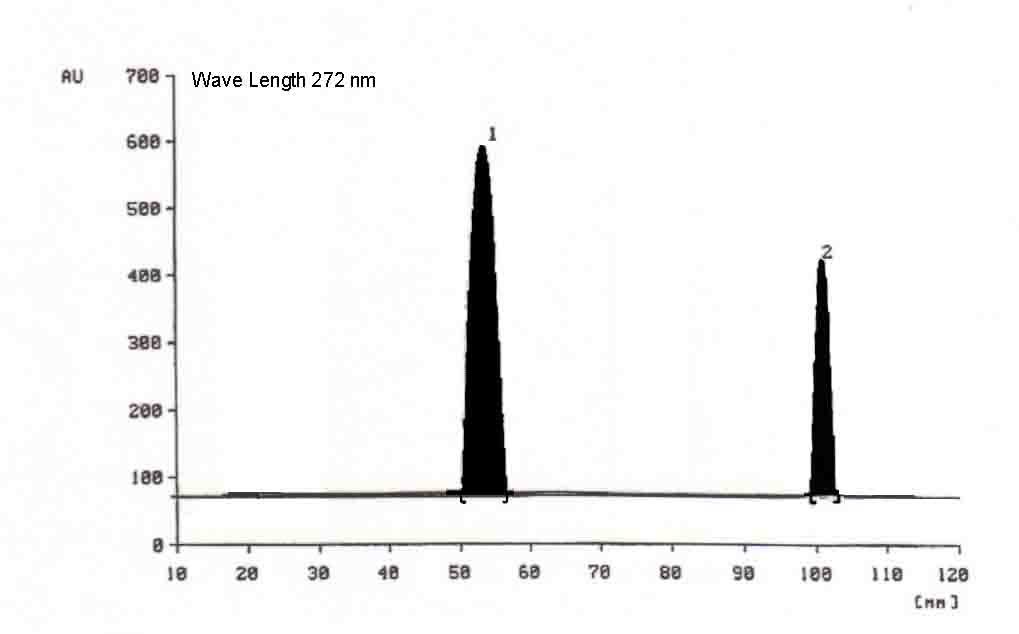
**Chromatogram of Recovery Studies at 5% Level**

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

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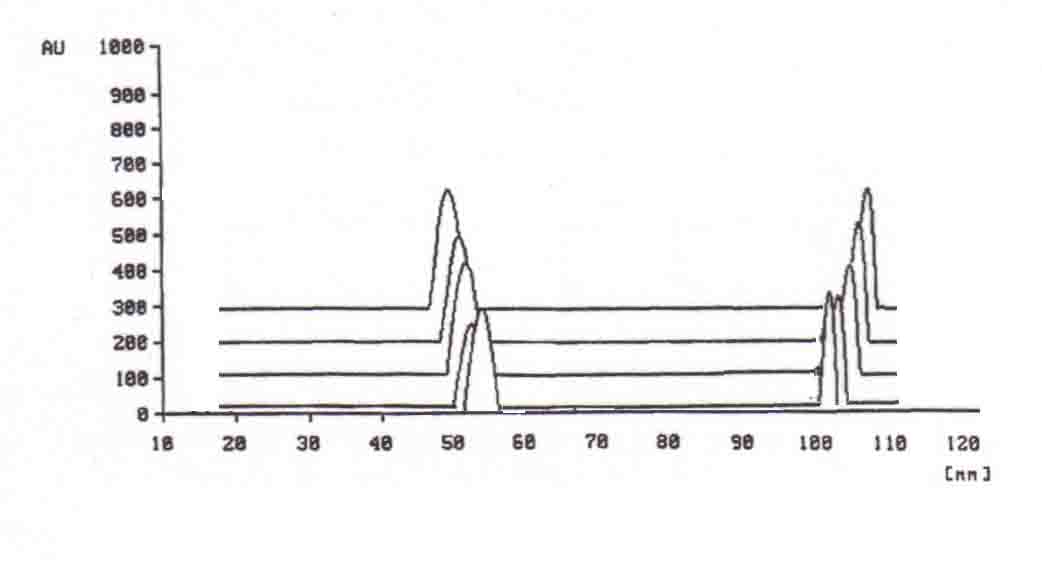
**Chromatogram of Recovery Studies at 15% Level**



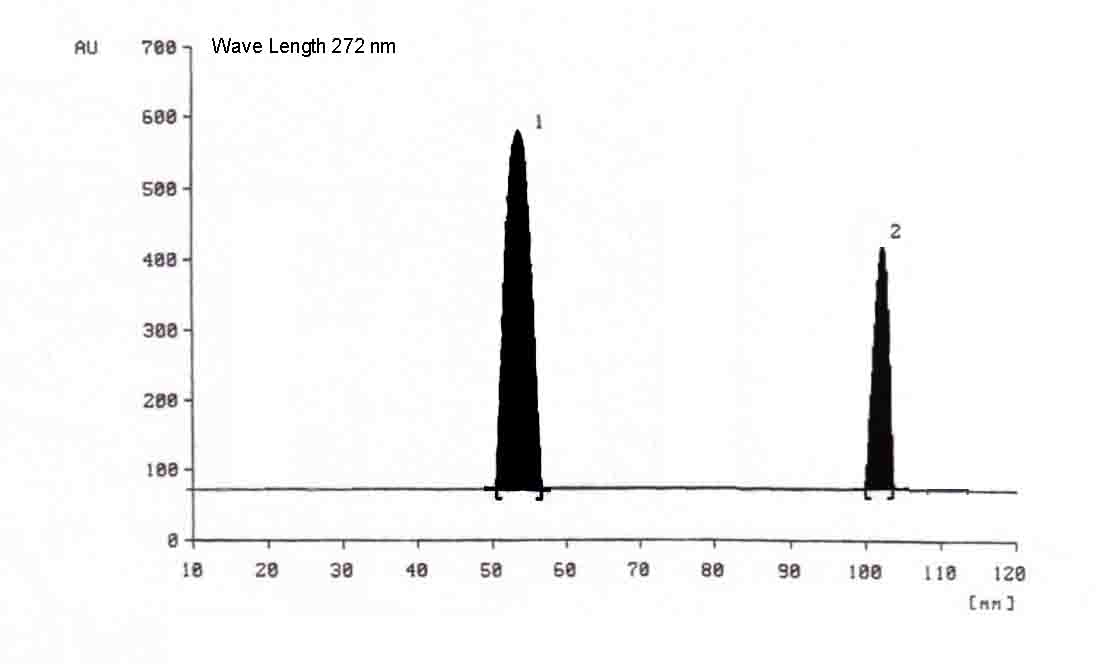


**Linearity of Telmisartan**

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## Overlain densitogram for Linearity of Telmisartan and Ramipril



**Recovery Densitogram of Telmisartan and Ramipril**