IDENTIFICATION FORM: THIN LAYER CHROMATOGRAPHY

Standard Preparation:

Sample Preparation:

Mobile Phase: _____

Stationary Phase: _____

(Plate Description) _____

Calculations:

Solvent Front Distance (mm): _____

Distance moved by Standard Spot (mm): _____

Distance moved by Sample Spot (mm): _____

$$\text{Standard } R_f \text{ Value} = \frac{\text{Distance moved by Standard Spot (mm)}}{\text{Solvent Front Distance (mm)}} = \frac{\qquad}{\qquad} = \qquad$$

$$\text{Sample } R_f \text{ Value} = \frac{\text{Distance moved by Sample Spot (mm)}}{\text{Solvent Front Distance (mm)}} = \frac{\qquad}{\qquad} = \qquad$$

Conclusion: