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): _____

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

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

Conclusion: