

Protocol for Chromatography Experiments

Run three chromatography tanks with 3 different solvent systems:

1. 9:1 pet. ether : acetone
2. 1:1 butanol : water
3. 1:1 ethanol : water

Run three different extractions:

1. grind in acetone followed by mixing with pet. ether as described in the lab manual.

-spot top ether layer and bottom acetone layer onto chromatography paper and run in all 3 solvent systems

2. grind in 1:1 butanol : water and allow to separate.

-spot top butanol layer and bottom water layer onto chrom. paper and run in all 3 solvent systems

3. grind in 1:1 ethanol : water

-spot on paper and run in all 3 solvent systems