



## APPLICATIONS

- Separation of mixtures of drugs
- Separation of carbohydrates, vitamins, antibiotics, proteins, etc.
- Identification of drugs
- Identification of impurities
- Analysis of metabolites of drugs in blood , urine ....

## ADVANTAGES OF P.C

**Simple ,rapid ,inexpensive ,excellent resolving power**

## PRECAUTIONS IN P.C

**Establishing the vapor solvent equilibrium  
Stability of solvent mixture is first ensured**

## Applications of Paper Chromatography

1. Separation of amino acids, peptides, alkaloids, sugars, lipids etc in biological samples.
2. To limited extent as a preparative method.
3. To study the structure and amino acid composition of proteins
4. Analysis of blood, hemoglobin, urine etc which is of great diagnostic value.

