

## Acids

## Bases

## Indicators

- Test acidic or basic
- Eg.: Turmeric, litmus, China rose petals, etc.
- Turmeric has curcumin : yellow-acid, red-base

## Litmus Paper

- pH indicator
- Extracted from lichen
- 2 types:
  - Red litmus
    - Dipped in acid : no colour change
    - Dipped in basic : turns to blue
  - Blue litmus
    - Dipped in acid : turns to red
    - Dipped in basic : no colour change

## Phenolphthalein

- Colourless
- Added to acid: no colour (transparent)
- Added to base: pink/red colour

## Methyl Orange

- Powder
- Added to acid : red
- Added to Neutral pH : orange
- Added to base : yellow