

ACID'S, BASE'S AND SALT'S

ON THE BASIS OF THEIR CHEMICAL PROPERTIES ALL COMPOUND CAN BE CLASSIFIED IN TO THREE GROUPS.

ACID'S

BASE'S

SALT'S

INDICATOR'S

INDICATORS ARE A 'DYE' THAT CHANGES WHEN IT IS PUT IN TO AN ACID OR BASE.

MAINLY THREE TYPES OF INDICATORS;

LITMUS, METHYL ORANGE AND PHENOLPHTHALEIN

LITMUS

{1}-A ACID TURN INTO BLUE LITMUS TO RED LITMUS.

{2}-A BASE TURN RED LITMUS TO BLUE LITMUS.

METHYL ORANGE

IT GIVES RED IN ACID SOL[^] AND YELLOW IN BASES SOL[^].

PHENOLPHTHALEIN

IT GIVES COLOR LESS IN ACID SOL[^] PINK COLOR IN BASE SOL[^].

NATURAL INDICATORS

TURMERIC

RED CABBAGE (IT OBTAINED FROM RED CABBAGE LEAVES)

HYDRANGEA, PETUNIA AND GERANIUM ARE ALSO NATURAL INDICATOR