Aim :-

To perform the identification test of acetate ion in given test sample.

Reference :-

Requirement :-

i) Chemical :- Acetate, Ethyl alcohol (96%), Sulphuric acid.

ii) Glassware :- Test tube, Heating mental, Beaker, glass rod.

Procedure :

→ 1gm of test sample is taken in test tube.
→ 1ml of concentrated H_2SO_4 is added and the mixture is heated.
→ Then 96% Ethyl alcohol (1-3ml) is added to the mixture and shake it.
→ Content of test tube poured in beaker full of water and stirred with glass rod.

Observation : Pleasant fruity smell is observed.

Result :- CH_3COO^- ion is confirmed in the test sample.

Teacher's Signature _____