

For testing halogens in an organic compound with  $\text{AgNO}_3$  solution, sodium extract (Lassaigne's test) is acidified with dilute  $\text{HNO}_3$ . What will happen if a student acidifies the extract with dilute  $\text{H}_2\text{SO}_4$  in place of dilute  $\text{HNO}_3$ ?

Ans- White ppt. of  $\text{Ag}_2\text{SO}_4$  will be formed.