

## VIDEO « Titration »

**Watch, listen and answer the following questions :**

1. give the definition of "titration"
2. Why do you use an indicator?
3. What apparatus do you need to perform a titration?
4. What is the accuracy rate of the burette ?
5. Put the different steps in the right order :
  - fill the burette with known solution and level it off at exactly 0ml
  - swirl the flask
  - repeat the experiment a few times
  - stop adding when the reaction is complete
  - put a volume of unknown solution in a clean conical flask
  - slowly add the solution from the burette to the unknown solution
  - add a few drops of indicator
  - record the final volume of the burette

STEPS	ACTIONS
1	
2	
3	
4	
5	
6	
7	
8	

6. how do you call the volume of the solution added ?
7. why is it important to repeat the experiment several times ?
8. Name 4 indicators and give details about each one