

EXERCICIS DE QUÍMICA: ÀCID/BASE

Exercicis de càlculs de pH:

Your score is 90%.
 Questions answered correctly first time: 20/22

APPLET VOLUMETRIA ÀCID/BASE:

a) àcid dèbil / base forta (CH_3COOH (erlenmeyer) + $NaOH$ (bureta)) - Fenolftaleïna com a indicador.

Determination of the Molarity of an Acid or Base Solution

1. Select Type of Reaction

Strong Acid vs. Strong Base

Weak Acid vs. Strong Base

2. Fill the Burette with

Acid

Base

NaOH Total Volume of Base

ml

3. Select the Acid and Base

4. Select the Indicator

Methyl Orange

Phenolphthalein

5. Push Slider Up to Add a Volume of Base

ml

Dropwise

6. After Titration, Calculate and Enter Molarity of Base

M

OK

Correct

Concordant Values

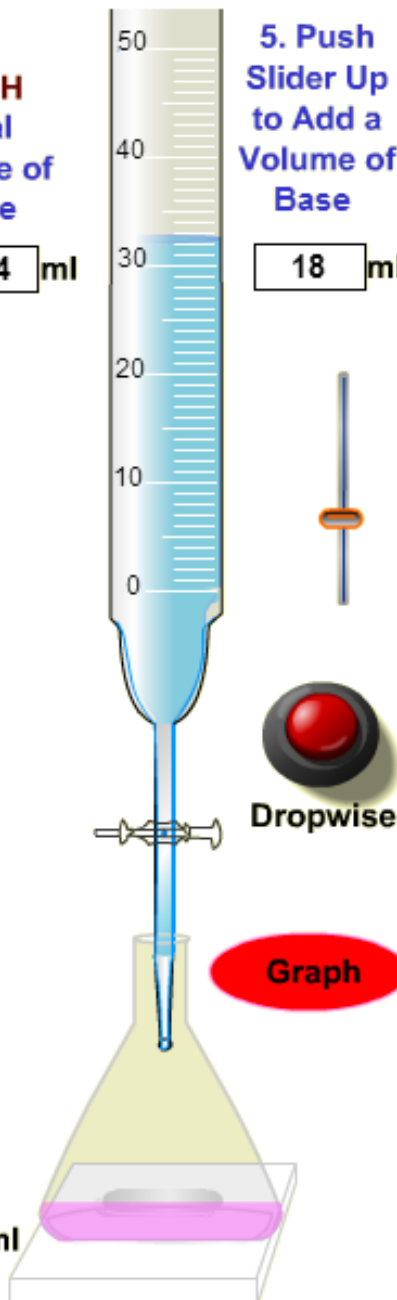
Graph

CH₃COOH

Molarity of Acid M

Volume of Acid ml

Reset



b) àcid fort / base forta (NaOH (erlenmeyer) + H2SO4 (bureta)) - Vermell de metilè com a indicador.

Determination of the Molarity of an Acid or Base Solution

1. Select Type of Reaction

Strong Acid vs. Strong Base
 Weak Acid vs. Strong Base

2. Fill the Burette with

Acid
 Base

3. Select the Acid and Base

4. Select the Indicator

Methyl Red
 Bromothymol Blue

5. Push Slider Up to Add a Volume of Acid

6. After Titration, Calculate and Enter Molarity of Acid

Reset

Total Volume of Acid
9.56 ml

Molarity of Base
0.201 M

Volume of Base
25.00 ml

Dropwise

Graph

Concordant Values

OK
Correct