

EXPERIMENT 4

ANTACIDS

Name
Section / Course
Partner's Name (if applicable)	

Objective :

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Titration data

1. Brand Tested:..... Ingredients:.....

Buret reading	Trial 1	Trial 2	Trial 3
Final reading (mL)			
Initial reading (mL)			
Volume of HCl			

Average volume of HCl :

2. Brand Tested:.....

Ingredients:.....

Buret reading	1	2	3
Final reading (mL)			
Initial reading (mL)			
Volume of HCl			

Average volume of HCl :

Questions

1. Did the tablets dissolve in water?

2. Why was it necessary to stir for five minutes?

3. Write the equation for the reaction.

4. Calculate the number of mole of hydrochloric acid needed to neutralize each brand of antacid tablet.

Antacid 1

Antacid 2