



QUANTITY	CONTENTS	CODE	
30 mL	*Sodium Hydroxide, 2.4N	*5648-G	
15 mL	*Phenolphthalein Indicator, 0.5%	*2258-E	
1	Pipet, 0.5 mL, plastic	0353	
1	Test tube, 5-10-25 mL, plastic, w/cap	0715	
To order individual reagents or test kit components, use the specified code number.			<p>*Reagent is a potential health hazard. READ SDS: lamotte.com</p> <p>Emergency information: Chem-Tel USA 1-800-255-3924 Int'l, call collect, 813-248-0585</p> <div><div>READ SDS</div><div></div><div></div></div>
Warning! This set contains chemicals that may be harmful if misused. Read cautions on individual containers carefully. Not to be used by children except under adult supervision.			

PROCEDURE

1 drop = 0.1%

1. Fill test tube [0715] to 5 mL line with sample.
2. Add one drop of *Phenolphthalein Indicator, 0.5% [2258]. Swirl to mix.
3. While gently swirling tube, add *Sodium Hydroxide, 2.4N [5648] one drop at a time until solution turns pink. Count the number of drops added. Hold bottle vertically.
4. Multiply the number of drops used in Step 3 by 0.1. Record as % Sulfuric Acid.

1 drop = 1%

1. Use 0.5 mL pipet [0353] to add 0.5 mL of sample to test tube [0715].
2. Dilute to 5 mL line with tap water.
3. Add one drop of *Phenolphthalein Indicator, 0.5% [2258]. Swirl to mix.
4. While gently swirling tube, add *Sodium Hydroxide, 2.4N [5648] one drop at a time until solution turns pink. Count the number of drops added. Hold bottle vertically.
5. Multiply the number of drops used in Step 4 by 1. Record as % Sulfuric Acid.

CONVERSIONS

To convert the results from % Sulfuric Acid to:

ACID	MULTIPLY THE NUMBER OF DROPS BY:
% Acetic Acid	1.22
% Citric Acid	1.31
% Glycolic Acid (Hydroxyl Acetic)	1.55
% Hydrochloric Acid	0.74
% Lactic Acid	1.84
% Nitric Acid	1.29
% Phosphoric Acid	1.00