**Chemistry 122: Neutralization Problems**

**Problem**

1. What is the molarity (concentration) of a sodium hydroxide solution if 38mL of the solution is titrated to the end point with 14mL of 0.75M sulfuric acid?

2. If 24.6mL of a Ca(OH)2 solution is needed to neutralize 14.2mL of 0.0140M HC2H3O2, what is the concentration of the calcium hydroxide solution?

**Chemistry 122: Neutralization Problems**

**Answer Section**

**PROBLEM**

1. ANS:

0.55mol/L

PTS: 1

2. ANS:

4.04 x 10-3M

PTS: 1

3. ANS:

0.0160M

PTS: 1

4. ANS:

0.0085L

PTS: 1

5. ANS:

10.6mL

PTS: 1