

## 5.1 Quantitative Analysis

### Define:

- Quantitative analysis
- Limiting reagent
- Excess reagent
- Standard curve

### Quantitative Analysis

- Requires precision equipment, technical expertise and an understanding of scientific concepts.
- In the real world, we don't have perfect amounts of each reactant in a chemical reaction. Usually one of the reactants are limiting and another is in excess.
- A standard curve will let you match samples from unknown samples to values from known samples previously determined under the same conditions.

### Homework

- Practice: 1,2,5,6
- Section Questions: 1,2,3,4,5,6