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Purpose: Learn how to set u	up and complete
mixture,	how to use
volumetric glassware an	d pipettes, and
now to use Loggerpro	and a spectrometer.
Predict products from m	nixing two on a
reactants, observe reacting	
two methods used to a	
concentration of a solu	
which method is more	accurate.

Procedure: Supplies/Chemicals land no regard retire

- -Water of ant of block but pipet builbit to scoped @
- -0.1000 M Cuson word to watch glass and stand
- -0.1000 M NazCO3 funnel town of his month only
- -unknown M Cuso4 labeling tape
- 50 mL beakers filter paper
- 100 mL beaker (grand ) to cuvettes show so not to
- 250mL beaker Spectro Vis Plus
- 5 mL volumetric pipet spectrometer
- 10ml volumetric flasks
- -10 mL graduated cylinders (in fume hood)

Part A: Reaction between Sodium Carbonate & Copper(11) Sulfate

- 1) Get 10mb of Cusoy (UNKNOWN) solution and 10mb of
- the 0.1000 M of NazCO3 solution using the labeled graduate
- cylinders in the fume hood.
- @ Get a 50 mL beaker and pour both solutions into it
- While slightly swirling it.
- 3 Get filter paper and record mass on analytical balance.
- 4) Fold fifter into quarters and open it inside a funnel.