

1. Obtain 20 drops unknown. This is your stock solution and will be used for ALL subsequent tests.
Observations: _____ (2)
2. Obtain 2 drops of unknown from your STOCK solution. Add two drops of K_2CrO_4 . Observations _____
_____ (2)
3. Obtain 2 drops of unknown from your STOCK solution. Add two drops of sodium chloride solution. Observations: _____ (2)
4. Obtain 2 drops of unknown from your STOCK solution. Add two drops of potassium iodide.
Observations: _____ (2)
5. Obtain 2 drops of unknown from your STOCK solution. Add 2 drops of sodium sulfate solution.
Observations: _____ (2)
6. Obtain 2 drops of unknown from your STOCK solution. Add 2 drops of silver nitrate.
Observations: _____ (2)
7. Obtain 2 drops of unknown from your STOCK solution. Add 2 drops of lead (II) nitrate.
Observations: _____ (2)
8. Obtain 20 drops of unknown from stock solution. Add aluminum powder. Add NaOH solution.
Warm gently. Test any gases with red litmus. Observations: _____
_____ (2)
9. Identify the cation: _____ (2)
10. Identify the anion: _____ (2)