

**Notebook Check:**

Name: \_\_\_\_\_

Ready for today's lab \_\_\_\_\_ 1

No mixed experiments; "Continued on" and "continued from" \_\_\_\_\_ 1

Date all entries \_\_\_\_\_ 1

For one of the randomly selected experiments:

(a) the molecular equation for the intended reaction \_\_\_\_\_ 1

(b) table of physical and chemical properties reagents, solvents \_\_\_\_\_ 2

- name, molecular formula, molecular weight, source

- density, boiling point, and/or concentration (for liquids)

- melting point (for solids)

- amount used (mass and/or volume), including molar amounts

(c) product(s) of the reaction with structures, masses, and theoretical yields \_\_\_\_\_ 1

(e) experimental variables and observations –(including TLC) \_\_\_\_\_ 1

(f) descriptive notes, conclusions, speculations, and/or suggestions \_\_\_\_\_ 1

(g) tabulation of spectral and physical data, including interpretive correlations \_\_\_\_\_ 1