

### **Procedure (Materials and Methods):**

Most of the experiments that you will perform use well-known procedures and have well-characterized results. As such, you are not performing “cutting edge” research and do not have to detail every step you performed in the laboratory. It is therefore sufficient to simply reference the source of the procedure in your laboratory report. You must, however, list any *exceptions* to the procedure. For example, your instructor may change a procedure slightly by substituting one chemical substance for another or having you use a different instrument. Such changes are important to know in case anyone needs to replicate your work and verify your results.

Example: *The surface tension of tert-butanol solutions was measured using the procedure presented in Shoemaker, et al.<sup>1</sup> with the following exceptions:*

- *The tert-butanol was purified via fractional distillation prior to use.*
- *The capillary tube was not cleaned with nitric acid at the outset of the experiment.*