Specific Heat of Aluminum Quick Sheet

Print Last Name __Giftakis_____ Print First Name _Benjamin_____

Section _____ Date _____ TA _____

Lab Partner_____

Instructions: Enter in the spaces provided the requested results from the experiment you have just completed. Your TA needs to approve this before you leave the lab. Five points will be lost if this is not done. **You should copy this information for yourself before you leave the lab.** Your TA keeps this quick sheet as a record of your attendance.

Report your best estimate of the specific heat of aluminum for the temperature range of 100 °C to ~20 °C.

Before rounding

$$\bar{c}_{Al,exp} = \ 0.189302402 \quad \pm 0.007056753 \ \text{cal/g C}$$

$$\% \, diff = \ 11.952371015$$

After rounding

$$\bar{c}_{Al,exp} = \ 0.19 \quad \pm \ 0.0071 \ \text{cal/g C}$$

$$\% \, diff = \ 11.95$$