

Grading Rubric for Titration Lab Data Sheets:

Logger Pro printouts (1 pt each)

- 1) Standardization of NaOH with HCl
- 2) Titration of NH_4OH with HCl
- 3) Titration of H_3PO_4 with standardized NaOH

Name on first data sheet (1 pt)

Each data sheet is worth 4 pts and should contain recorded data to appropriate significant digits, examples of each type of calculation done, filled in values for all appropriate parts of the table, and explanations for any data ignored. It is preferable to show all calculations. Possible deductions on each data sheet are:

Significant digit errors in calculations (-1/2)

Missing sample calculations (-1 pt per type of calculation)

Calculation errors (-1/2 is smallest deduction. If all calculations are erroneous -4 pts)

Missing data (-1 pt per missing piece of data up to the whole 4 pts.)

Missing explanation of why a particular data set is not used (-1 pt)