

(Example)

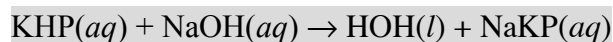
CHEM 1100 Lab Qualitative Analysis Report Form

Name: Peter Quill Date: 7/16/2014 Lab Section: W 9:30a

Experiment Title: Standardization of a NaOH Solution

Unknown Number (if needed) : _____

Balanced Chemical Equation(s) Used for Stoichiometry:



Standard Solution Concentration (if needed): _____ Indicator: phenolphthalein

Sample Calculations From One Set of Data:

(Work goes here. Include units!)

Run	Value	Removed Due to Q-Test	Q-Test
1.	0.1009		$\frac{0.1120 - 0.1015}{0.1120 - 0.1007} = 0.93$
2.	0.1120	✓	
3.	0.1015		
4.	0.1007		

Table Q Value: 0.76

N: 3 Ave.: 0.1010 St. Deviation: 0.0004

Relative Standard Deviation (in ppt): 4.0 f_{95} : 2.5

Reported Value With 95% Confidence Limits With Units: (0.1010 ± 0.0010) M