**Titration Lab Marking Scheme**

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| **Titration Lab** |
| Title |  |
| Pre-lab | /6 |
| Part A Observation Table (title, units, column headings) | /2 |
| Part A Calculation for sodium hydroxide | /6 |
| Part B Observation Table (title, units, column headings) | /2 |
| Q 1. ICE Table | /3 |
| Q 2. pH | /2 |
| Q 3. Calculation for acetic acid | /6 |
| Q 4. Determine Ka | /3 |
| Q 5. Comparison and Sources of Error | /2 |
| Total | /32 |