

## **UMSO Division C Chemistry Lab Test Additional Information**

### **Titration:**

- Equivalence Point: The point at which both equal moles of the titrant and analyte have been mixed
- Half Equivalence Point: The point at which the moles of titrant mixed is half of the moles of analyte mixed

### **Chemicals:**

- Citric Acid Chemical Formula:  $\text{H}_3\text{C}_6\text{H}_5\text{O}_7$  (weak acid)
- Citrate Ion Chemical Formula:  $\text{C}_6\text{H}_5\text{O}_7^{3-}$
- Pyridinium:  $\text{C}_5\text{H}_5\text{NH}^+$
- Pyridine:  $\text{C}_5\text{H}_5\text{N}$  (weak base)
- Sodium Methoxide:  $\text{NaOCH}_3$  (moderate base)