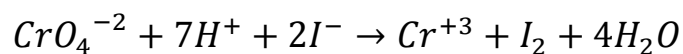
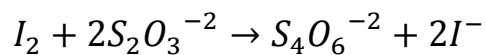


Redox Reaction



Thiosulfate Reaction



$$C_A \left(\frac{oz}{gal} \right) = mL\ Thio \left(\frac{1}{5\ ml\ Chromic\ acid\ Sol.} \right) \left(\frac{10^3 mL}{L} \right) \left(\frac{0.1\ mol\ Thio}{10^3 mL\ Thio} \right) \left(\frac{1\ mol\ CA}{2\ mol\ Thio} \right) \left(\frac{118.01g\ Chromic\ Acid}{1\ mol\ Chromic\ Acid} \right) \left(\frac{3.785L}{1\ gal} \right) \left(\frac{1\ oz}{28.349g} \right)$$

$$C_A \left(\frac{oz}{gal} \right) = mL\ Thio * 0.15 = Concentration\ of\ Chromic\ Acid$$