I'm not robot



The titration of potassium permanganate (KMnO4) against Mohr's salt (FeSO4.(NH4)2SO4.6H2O) is an example of redox titration. The aim of this experiment is to determine the strength of a given potassium permanganate solution against a standard ferrous ammonium sulfate solution. The theory behind the reaction involves potassium permanganate solution against a standard ferrous in from Mohr's salt stig as a reducing agent in acidic conditions with sulfuric acid present. The chemical reaction between the two results in a redox where the ferrous ion from Mohr's salt with sulfuric acid in a conical flask, and then addition of reagents, as well as accurate weighing and transfer of chemicals. The experiment also involves using a self-indicator (KMnO4) that changes color upon oxidation. Overall, this experiment aims to demonstrate the principle of redox titrations and the use of potassium permanganate as an oxidizing agent in acidic conditions. Point a burette and pipette with distilled water, ensuring that Mohr's salt is fully dissolved. This solution is a 0.05N standard solution of Mohr's salt. (b) Titration of potassium permanganate solution against standard ferrous ammonium sulfate (Mohr's salt) solution: Pipette with distilled water, then fill them with the corresponding solutions to be measured. Fill the burette and pipette with distilled water, then fill the burette stand. Place a white tile below the conical flask. Add sulfuric acid to prevent oxidation of manganese to form manganese to form manganese to form manganese to form manganese to solution. Solution is the solution in the flask gent in a cidic conditions. Pipette with distilled water, then fill the burette stand. Place a white tile below the to accurately before starting the titration. Titrate against potassium permanganate solution in the flask gent in acidic conditions. Pipette with distilled water, then fill the burette stand. Place a white tile below the to accurately before starting the titration. The text and pipette with distilled water, then fill

Viva questions for titration of kmno4 class 12. Titration of mohr salt with kmno4 viva questions. Viva questions for titration of kmno4 is used in titration. Why heating is required during kmno4 titration. Viva questions on redox titration.