

3. Atropine sulphate

Aim:

References:

- 1) Indian Pharmacopoeia vol-II page no 1298

Requirements:

- 1) **Chemicals:** Acetone, 0.1 M Perchloric acid, Methyl orange etc.
- 2) **Apparatus:** Beaker, Pipette, Burette, measuring cylinder, conical flask etc.

Procedure:

Weigh 0.5 g, dissolve in 30 ml of anhydrous glacial acetic acid. Titrate with 0.1 M perchloric acid, determining the end-point potentiometrically. Carry out a blank titration. 1 ml of 0.1 M perchloric acid is equivalent to 0.06768 g of atropine sulphate

Principle\ Theory: The assay of atropine sulphate was carried out by using end-point potentiometry. The 0.1 M perchloric acid used for titration.

Result: The % purity of atropine sulphate was found to be-----

Conclusion: