

PHARMACEUTICAL ANALYSIS – BP102T

UNIT: IV REDOX TITRATIONS

CLASS:34

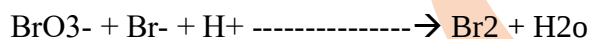
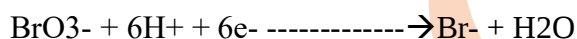
TOIPC: **BROMATOMETRY**

Bromometry:

Such type of titrations where we use potassium bromate are known as bromatometric type of oxidation-reduction titrations.

Principle:

KBrO_3 is a mold oxidizing agent in presence of acid, it is reduced to bromide at the endpoint bromide is converted in free bromine and form yellow colour, which h indicates the end point.



In this type of oxidation-reduction titrations,

two methods we have, direct and indirect In direct method,

we use direct bromine and in indirect method we use the source of bromine

Applications:

- It is used to determine the metals like aluminium, Co, Zn, Nickel etc
- It is used to determine phenols
- It is used to determine hydroxyl amines

Very Short Answer Questions

1. Define Bromometry

Short Answer Questions

1. Explain in detail about bromometry and its applications.

RCP