

PHARMACEUTICAL ANALYSIS – BP102T

UNIT: IV REDOX TITRATIONS

CLASS:38

TOIPC: **DICHROMETRY**

Dichromatic titrations:

When we use potassium dichromate $K_2Cr_2O_7$ such types of redox titrations are known as dichrometry titrations

Principle:

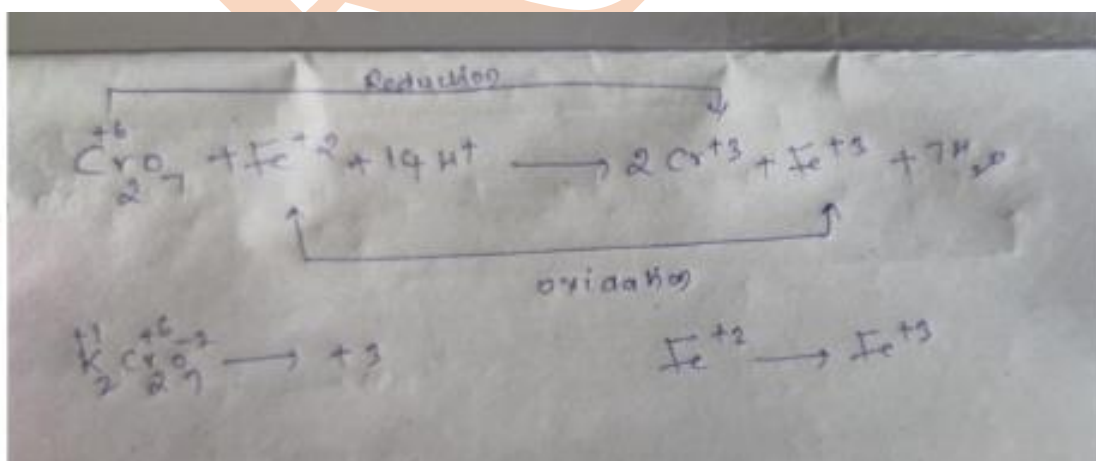
$K_2Cr_2O_7$ is a moderate oxidizing agent and available in pure state and less expense.

At ordinary temperature,

$K_2Cr_2O_7$ is used for the determination of Iron.

In the determination of Iron from iron ore ,

$K_2Cr_2O_7$ is reduced into chromium green colour and iron is oxidized to ferric



Applications:

Used for the determination of iron from iron ore

Used to determine chromium in chromium (III) salts

Used to determine chemical oxygen demand (COD)

Very Short Answer Questions

1. Define Dichrometry

Short Answer Questions

1. Explain in detail about Dichrometry and its applications.