

SALT ANALYSIS

1. Reaction of an inorganic sulphite X with dilute H_2SO_4 generates compound Y. Reaction of Y with NaOH gives X. Further, the reaction of X with Y and water affords compound Z. Y and Z, respectively, are:
- (1) S and Na_2SO_3
 - (2) SO_2 and NaHSO_3
 - (3) SO_3 and NaHSO_3
 - (4) SO_2 and Na_2SO_3

SOLUTION**1. Official Ans. by NTA (2)**