

Answer on Question#41367-Chemistry-Inorganic Chemistry

Question

When orthophosphoric acid is heated to 600°C, the product formed is:

- (1) PH_3
- (2) P_2O_5
- (3) H_3PO_3
- (4) HPO_3

Answer

The correct answer is

(4) HPO_3

When orthophosphoric acid is heated to 600°C it loses one molecule of water forming metaphosphoric acid by the following chemical equation

