

7.

INCORRECT

What are the spectator ions in the molecular equation
 $\text{Ca}(\text{HSO}_3)_2(\text{aq}) + \text{H}_2\text{SO}_4(\text{aq}) \rightarrow \text{SO}_2(\text{g}) + \text{H}_2\text{O}(\text{l}) + \text{CaSO}_4(\text{aq})$?

Your Answer: H^+ and SO_3^{2-}

Correct Answer: Ca^{2+} and SO_4^{2-}

Both the H^+ and SO_3^{2-} react to form the molecular species SO_2 and H_2O .