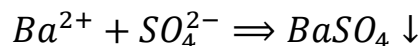


Answer on Question # 69135, Chemistry / General Chemistry

How do I identify $\text{Ba}(\text{NO}_3)_2$, KOH , ZnSO_4 , MgSO_4 solutions by only mixing each other?

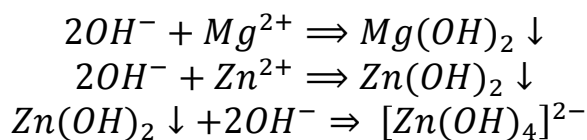
Solution:

When you add ZnSO_4 or MgSO_4 solutions in $\text{Ba}(\text{NO}_3)_2$ solution, the white precipitate has to be appeared. The next reaction:



The adding solution without falling out of precipitate can be estimated as KOH solution.

When you add KOH solution in ZnSO_4 or MgSO_4 solutions, the white precipitate has to be appeared. But the abundance of KOH solution can dissolve precipitate in ZnSO_4 solution. The reactions:



Answer provided by <https://www.AssignmentExpert.com>