

Answer on Question #75407, Chemistry / General Chemistry

What is the full ionic equation and net equation of zinc bromide + ammonium phosphate ?

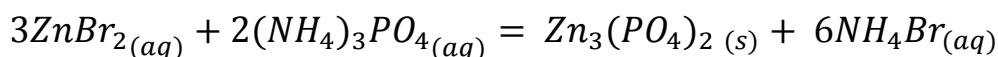
Solution:

The chemical formula of zinc bromide – $ZnBr_2$

The chemical formula of ammonium phosphate – $(NH_4)_3PO_4$

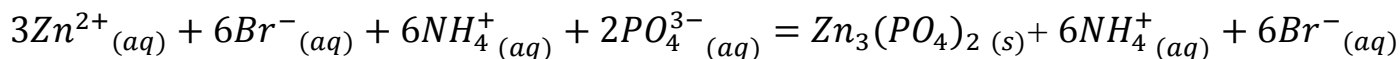
Now we write equations:

To simplify the solution, we first write down the molecular equation:

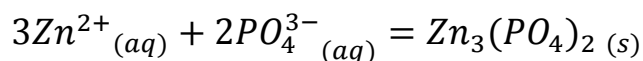


(conventional symbols of indices: (aq) – aqueous solution, (s) – solid form)

Full ionic equation:



Net equation:



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