## Answer on Question #49127 - Chemistry - Inorganic Chemistry

## Question

Balanced equation for iron (ii) iodide and barium hydroxide

## **Answer:**

Iron (II) iodide and barium hydroxide react forming solid iron(II) hydroxide:

$$Fel_{2(aq)} + Ba(OH)_{2(aq)} = Fe(OH)_2 \downarrow + Bal_2$$

Iron (II) iodide, barium hydroxide and barium iodide are soluble in water and iron(II) hydroxide is insoluble in water, that's why this reaction occurs.