Anchmon A

A 0.150 g sample of solid lead(II) nitrate is added to 125 mL of 0.100 M sodium iodide solution. Assume no change in volume of the solution. The chemical reaction that takes place is represented by the following equation.

$$Pb(NO_3)_2(s) + 2 NaI(aq) \rightarrow PbI_2(s) + 2 NaNO_3(aq)$$