

Answer on Question #44634 – Chemistry – Other

In the reaction, $\text{Cu (s)} + 2\text{AgNO}_3 \text{ (aq)} \rightarrow 2\text{Ag (s)} + \text{Cu(NO}_3)_2 \text{ (aq)}$, which of the reactants or products are dissolved in water?

Solution

Correct answer - $\text{Cu(NO}_3)_2$ and AgNO_3 because any compound with nitrate anion are dissolved in water. Cu and Ag can't be dissolved in water because they are not alkali metals.

Answer: $\text{Cu(NO}_3)_2$ and AgNO_3