

# A Golem Is A Folklore Monster

**Hussin A.Rothana**

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are cancelled from both sides of the equation in other words spectate means watch the other ions react in an aqueous solution

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web these ions are called spectator ions because they do not participate in the actual reaction canceling the spectator ions gives the net ionic equation which shows only those species that participate in the chemical reaction 2ag<sup>+</sup>aq cr<sub>2</sub>o<sub>7</sub><sup>2-</sup>aq → 2cr<sub>2</sub>o<sub>7</sub><sup>2-</sup>aq label 4.2.3

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web jan 29 2020 the ionic form of this reaction is 2na<sup>+</sup>aq 2cl<sup>-</sup>aq cu<sup>2+</sup>aq so<sub>4</sub><sup>2-</sup>aq 2na<sup>+</sup>aq so<sub>4</sub><sup>2-</sup>aq cucl<sub>2</sub>s the sodium ions and sulfate ion are the spectator ions in this reaction they appear unchanged in both the product and reactant side of the equation

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web mar 11 2014 solution ionic equation h<sup>+</sup>aq cl<sup>-</sup>aq na<sup>+</sup>aq hco<sub>3</sub><sup>-</sup>aq na<sup>+</sup>aq cl<sup>-</sup>aq h<sub>2</sub>o l co<sub>2</sub>g the spectator ions are cl<sup>-</sup> and na<sup>+</sup> net ionic equation h<sup>+</sup>aq cl<sup>-</sup>aq na<sup>+</sup>aq hco<sub>3</sub><sup>-</sup>aq na<sup>+</sup>aq cl<sup>-</sup>aq h<sub>2</sub>o l co<sub>2</sub>g h<sup>+</sup>aq hco<sub>3</sub><sup>-</sup>aq h<sub>2</sub>o l co<sub>2</sub>g here is a video on spectator ions

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web the six no<sub>3</sub><sup>-</sup>aq ions and the six na<sup>+</sup>aq ions that appear on both sides of the equation are spectator ions that can be canceled to give the net ionic equation 3ba<sup>2+</sup>aq 2po<sub>4</sub><sup>3-</sup>aq → ba<sub>3</sub>po<sub>4</sub><sub>2</sub>s

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web these spectator ions ions whose presence is required to maintain charge neutrality are neither chemically nor physically changed by the process and so they may be eliminated from the equation to yield a more succinct representation called a

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web practice problems on net ionic equations page 2 of 3 answer key to practice problems on net ionic equations 1 molecular  $\text{AgNO}_3 \text{aq}$   $\text{KCl aq}$   $\text{AgCl s}$   $\text{KNO}_3 \text{aq}$  total ionic  $\text{Ag}^+ \text{aq}$   $\text{NO}_3^- \text{aq}$   $\text{K}^+ \text{aq}$   $\text{Cl}^- \text{aq}$   $\text{AgCl s}$   $\text{K}^+ \text{aq}$   $\text{NO}_3^- \text{aq}$  net ionic  $\text{Ag}^+ \text{aq}$   $\text{Cl}^- \text{aq}$   $\text{AgCl s}$

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web the equation below is the final net ionic equation after elimination of the spectator ions which yields water  $\text{H}^+ \text{aq}$   $\text{OH}^- \text{aq}$   $\text{H}_2\text{O l}$  the spectator ions in  $\text{KOH aq}$  and  $\text{HNO}_3 \text{aq}$  are  $\text{K}^+ \text{aq}$  and  $\text{NO}_3^- \text{aq}$  how to identify and list the

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web 18 terms lourdes l22 preview terms in this set 4 molecular equation showing the complete chemical formulas of reactions and products  $\text{Pb(NO}_3)_2 \text{aq}$   $2\text{Kl aq}$   $\text{PbI}_2 \text{s}$   $2\text{KNO}_3 \text{aq}$  complete ionic equation an equation written with all soluble strong electrolytes shown as ions

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web the  $\text{Ag}^+ \text{aq}$  and  $\text{Cl}^- \text{aq}$  ions become  $\text{AgCl s}$  but the  $\text{Na}^+ \text{aq}$  ions and the  $\text{NO}_3^- \text{aq}$  ions stay as  $\text{Na}^+ \text{aq}$  ions and  $\text{NO}_3^- \text{aq}$  ions these two ions are examples of spectator ions ions that do nothing in the overall course of a chemical reaction

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web aug 8 2022 a spectator ion is an ion that does not take part in the chemical reaction and is found in solution both before and after the reaction the net ionic equation is the chemical equation that shows only those elements compounds and ions that are directly involved in the chemical reaction

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