

Electrolysis is the process of converting water (H_2O) into hydrogen (H^+) and hydroxide (OH^-) ions by introducing an electric current into it. As the ions migrate to the opposing electrodes, pure gases of oxygen (O_2) and hydrogen (H_2) are released. These electrolytes include sodium nitrate salt (NaNO_3) (and sulfuric acid (H_2SO_4