

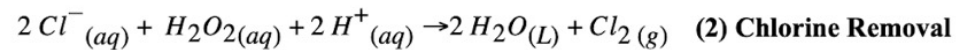
Lithium Hydroxide Synthesis through use of Hydrogen Peroxide

Manuel Alejandro Lopez

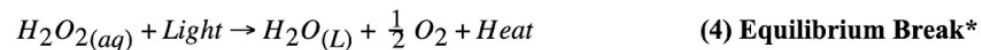
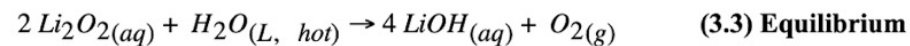
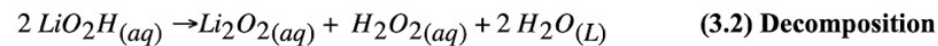
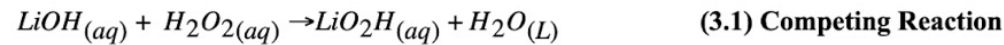
Synthetic Route



(Note $[\text{Cl}^-] > [\text{H}^+]$)



(Note $\text{pH} > 7$)



*This decomposition causes the equilibrium to favor 3.3 thereby giving the desired product

Engineering Perspective

