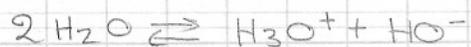
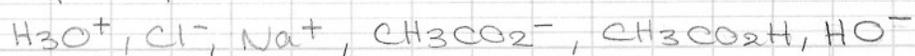


Exo 3



Espèces présentes:



$$[\text{Cl}^-] = 2 \cdot 10^{-4} \text{ mol.L}^{-1}$$

$$[\text{Na}^+] = 2,8 \cdot 10^{-4} \text{ mol.L}^{-1}$$

$$[\text{CH}_3\text{CO}_2^-] + [\text{CH}_3\text{CO}_2\text{H}] = 2,8 \cdot 10^{-4} \text{ mol.L}^{-1}$$

$$[\text{H}_3\text{O}^+] + [\text{Na}^+] = [\text{Cl}^-] + [\text{HO}^-] + [\text{CH}_3\text{CO}_2^-]$$

$$K_e = [\text{H}_3\text{O}^+] [\text{HO}^-]$$

$$K_A = \frac{[\text{CH}_3\text{CO}_2^-] [\text{H}_3\text{O}^+]}{[\text{CH}_3\text{CO}_2\text{H}]}$$