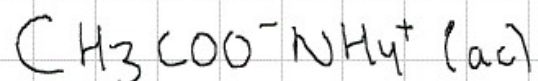


Sesión 2 24 Junio 2025

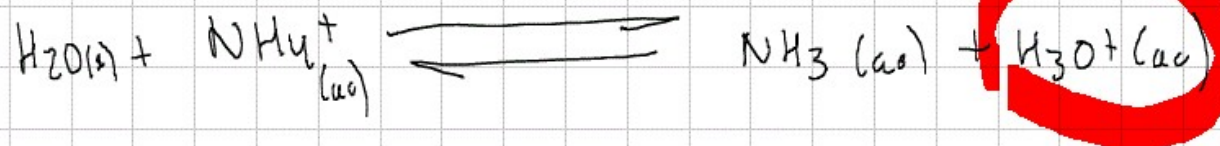
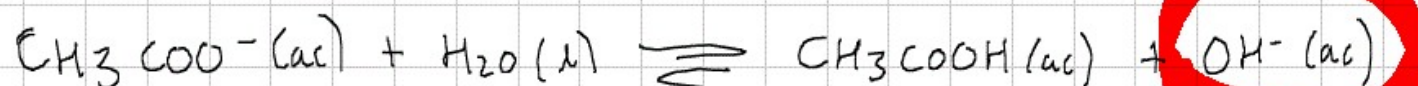
Título de la nota

24/06/2025



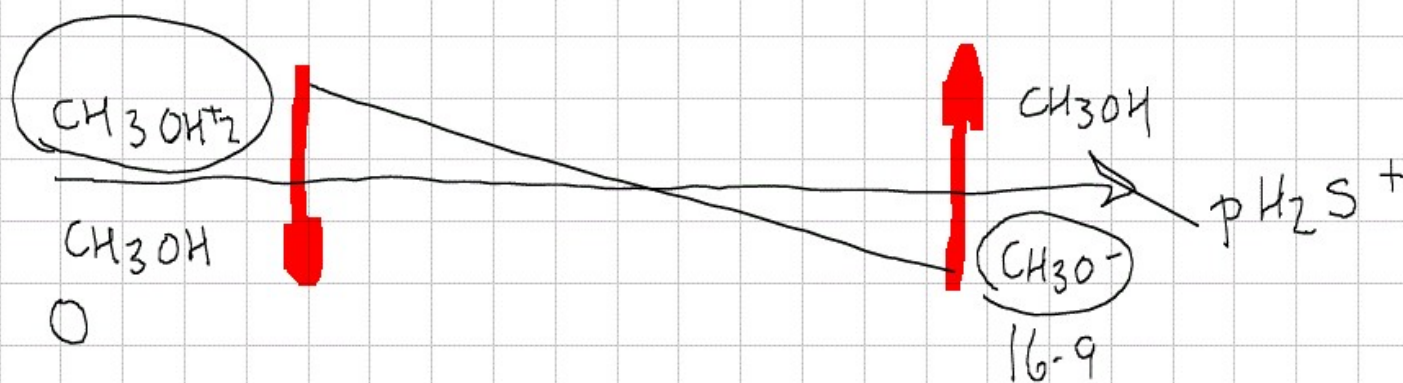
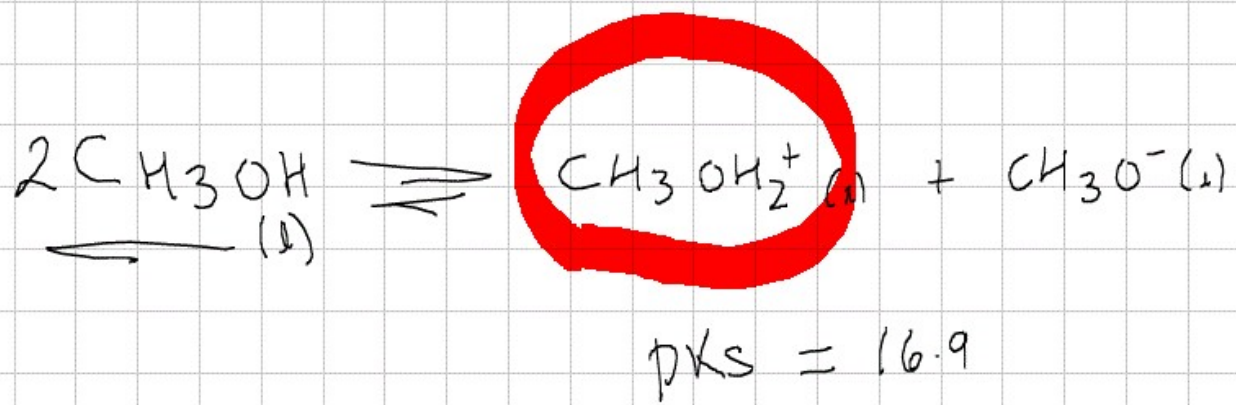
$$\text{pK}_a \text{ CH}_3\text{COOH}/\text{CH}_3\text{COO}^- = 4.75$$

$$\text{pK}_a \text{ NH}_4^+/\text{NH}_3 = 9.25$$



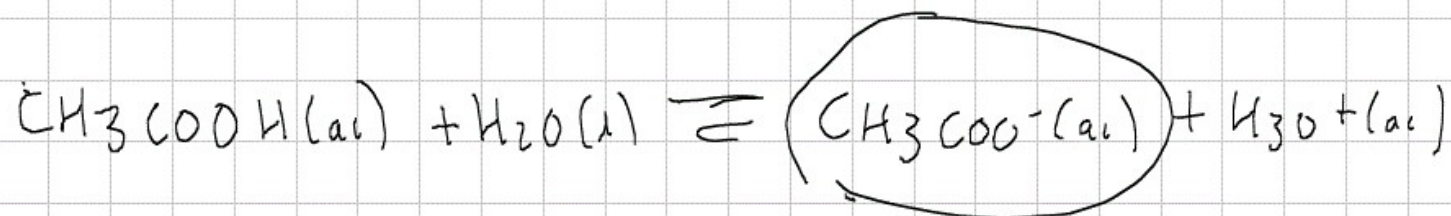
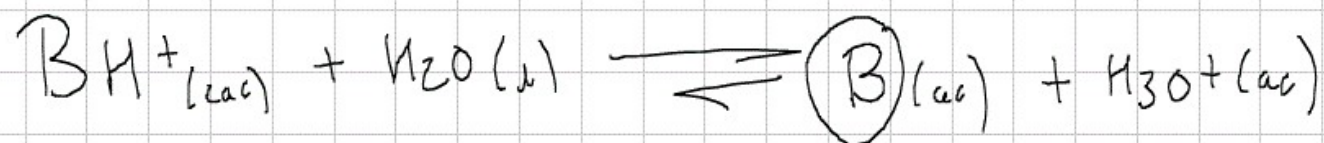
$$\text{pH} = \frac{\text{pK}_a \text{ CH}_3\text{COOH}/\text{CH}_3\text{COO}^- + \text{pK}_a \text{ NH}_4^+/\text{NH}_3}{2}$$

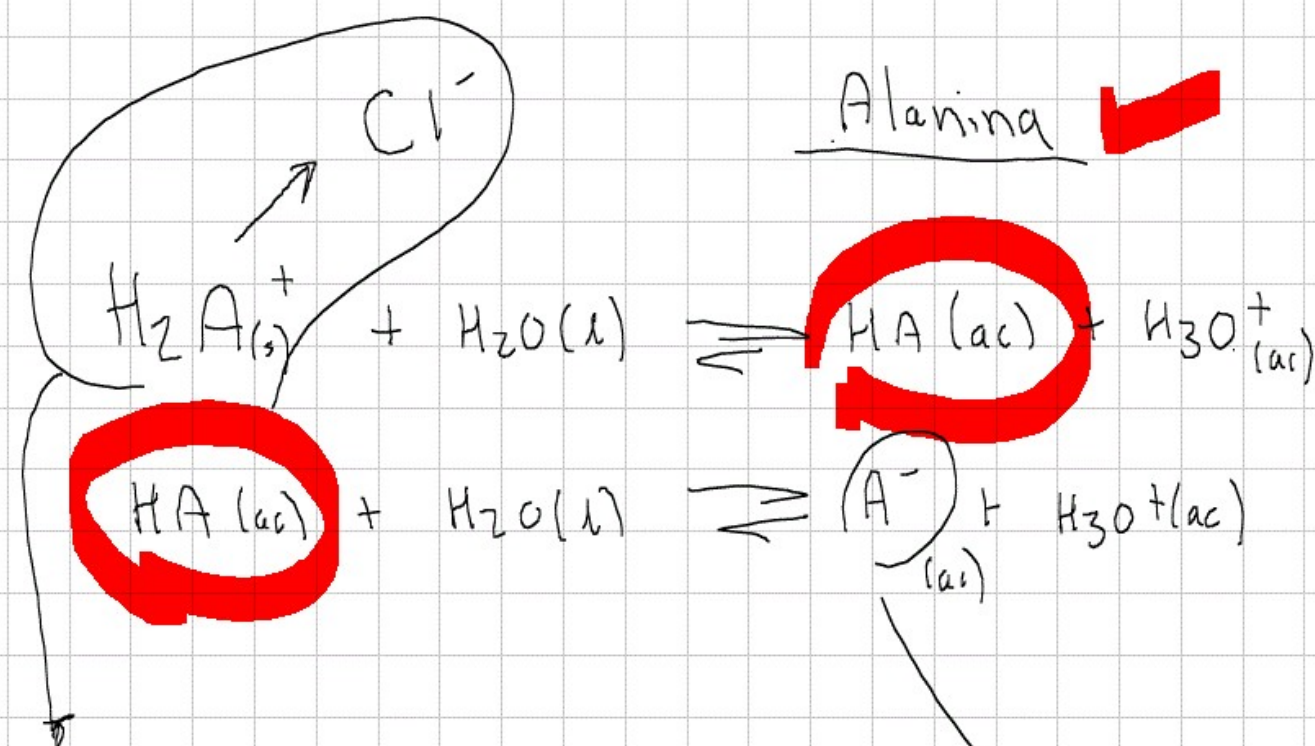
$$= 7$$



Naranja Metilo agra $pK_a = 3.5 \pm 1$
 2.5 - 4.5

color 1 $\leftrightarrow$ color 2





Alanina ✓

Clorhidrato de alanina

Alaninato
de
sodio