

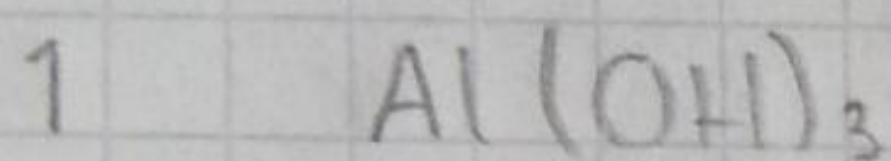
NORMALIDAD

$$N = \frac{\text{equivalente gr soluto}}{\text{litro de solución}}$$

$$N = \frac{(m) (ea)}{(PM) (V)}$$

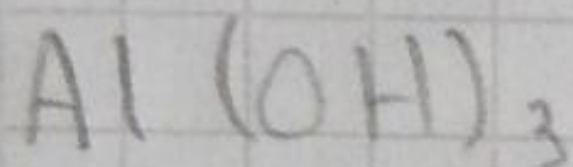
actividad

1. Obten la normalidad de $\text{Al}(\text{OH})_3$ con 450 ml y 9.50 gramos



$$m = 9,50 \text{ g}$$

$$V = 450 \text{ ml} : 0,45 \text{ L}$$



$$\text{PM} = \text{H} : 3 \times 1 = 3$$

$$\text{O} : 3 \times 16 = 48$$

$$\text{Al} : 1 \times 27 = 27$$

$$\text{PM} = 78 \text{ g/mol}$$

$$N = 0,811$$

2.

$$m = 9,50 \text{ g}$$

$$\text{PM} = 78 \text{ g/mol}$$

$$V = 0,45 \text{ L}$$

$$N = ?$$

3.

$$N = \frac{(9,50) (3)}{(78) (0,45)}$$

$$= \frac{28,5}{35,1}$$

$$N = \frac{28,5}{35,1} = 0,81$$