

Solución

$$7R/ 25 \times 1000 = 0,025 \text{ kg}$$

$$\begin{aligned} H: 1 \times 1 &= 1 \\ N: 1 \times 14 &= 14 \\ O: 3 \times 16 &= 48 \\ &63 \text{ g/mol} \end{aligned}$$

$$m = \frac{95}{(63)(0,025)}$$

$$= \frac{95}{1,575}$$

$$R/ 60,377$$

$$2R/ 15 \times 1000 = 0,015$$

$$\begin{aligned} C: 1 \times 12 &= 12 \\ H: 4 \times 1 &= 4 \\ O: 1 \times 16 &= 16 \\ &32 \text{ g/mol} \end{aligned}$$

$$= \frac{15}{(32)(0,015)} \rightarrow \frac{15}{0,48}$$

$$R/ 31,25$$