

Solución

1 - 1F

$$M = 82,5 \text{ g}$$

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

$$C = 12 \times 2 = 24$$

$$H = 1 \times 6 = 6$$

$$O = 16$$

$$46$$

$$82,5 / 46 = 1,793 \text{ g}$$

$$\frac{1,793 \text{ g}}{0,45 \text{ L}}$$

$$M = 3,985$$

$$L 40$$

1 - 1

$$46 \times 0,45 \text{ L} = 20,7$$

$$82,5$$

$$20,7$$

$$M = 3,985$$

2 - R

$$n = 4,78$$

$$V = 7 \text{ L}$$

$$\frac{4,78}{7}$$

$$M = 0,682$$

3 - R 1

$$M = 3,65 \text{ g}$$

$$V = 2,00 \text{ L}$$

$$H = 1$$

$$Cl = 35$$

$$36$$

$$3,65 \text{ g} / 36 = 0,101$$

$$\frac{0,101}{2,00}$$

$$M = 0,0506$$

P2

$$36 \text{ g} \times 2,00 = 72$$

$$\frac{3,65}{72}$$

$$M = 0,0506$$

4 - R

$$M = 49,04 \text{ g}$$

$$250 / 1000 = 0,25 \text{ L}$$

$$V = 0,25 \text{ L}$$

$$H = 2 + S = 32 + 0 = 64 = 98$$

$$\frac{49,04}{98}$$

$$0,500$$

$$0,25$$

$$M = 2,003$$

F2 98 x 0,25

~~49,04~~
24,5

~~14 - 2,05~~