Problema103: Calcula a composición centesimal do butano, C_4H_{10}

$$M_m(C_4H_{10}) = 4 \cdot 12\,g + 10 \cdot 1\,g = 58\,g$$

$$\%C = \frac{48\,g}{58\,g} \cdot 100 = \underline{82{,}76\,\%\,C}$$

$$\%H = \frac{10\,g}{58\,g} \cdot 100 = \underline{17{,}24\,\%\,H}$$

Comproba que a suma das porcentaxes debe dar 100%

$$Suma = 82{,}76\,\% + 17{,}24\,\% = 100\,\%$$