

COMPOSICION PORCENTUAL

① H_3PO_4 = Acido fosforico.

$$H: 3 \times 1 = 3 \div 98 = 0.03 \times 100 = 3\%$$

$$P: 1 \times 31 = 31 \div 98 = 0.31 \times 100 = 31\%$$

$$O: 4 \times 16 = \frac{64}{98} \div 98 = 0.65 \times 100 = 65\%$$

② $Pb(OH)_4$ = Hidroxido de plomo. (IV)

$$Pb: 1 \times 207 = 207 \div 275 = 0.75 \times 100 = 75\%$$

$$O: 4 \times 16 = 64 \div 275 = 0.23 \times 100 = 23\%$$

$$H: 4 \times 1 = \frac{4}{275} \div 275 = 0.014 \times 100 = 1.4\%$$

③ $Ni_2(CO_3)_3$ = Carbonato de Niquel.

$$Ni: 3 \times 58 = 174 \div 354 = 0.49 \times 100 = 49\%$$

$$C: 3 \times 12 = 36 \div 354 = 0.10 \times 100 = 10\%$$

$$O: 9 \times 16 = \frac{144}{354} \div 354 = 0.40 \times 100 = 40\%$$

$H_2SO_4 =$ Acido Sulfurico.

$$H: 2 \times 1 = 2 \div 98 = 0.02 \times 100 = 2\%$$

$$S: 1 \times 32 = 32 \div 98 = 0.32 \times 100 = 32\%$$

$$O: 4 \times 16 = \frac{64}{98} \div 98 = 0.65 \times 100 = 65\%$$

$H_2O =$ Agua

$$H: 2 \times 1 = 2 \div 18 = 0.11 \times 100 = 11\%$$

$$O: 1 \times 16 = \frac{16}{18} \div 18 = 0.88 \times 100 = 88\%$$