

1  $H_3PO_4$

$$\begin{aligned} H & 1 \times 3 = 3 \div 98 = 0.0306 \times 100 \\ P & 1 \times 31 = 31 \div 98 = 0.3163 \times 100 \\ O & 4 \times 16 = 64 \div 98 = 0.6530 \times 100 \\ & = 3.06\% \\ & = 31.03\% \\ & = 65.53\% \end{aligned}$$

2  $Pb(OH)_4$

$$\begin{aligned} Pb & 1 \times 207 = 207 / 229 = 0.9241 \times 100 \\ H & 4 \times 1 = 4 / 229 = 1.7467\% \\ O & 4 \times 16 = 64 / 229 = 27.9476\% \\ & = 92.41\% \\ & = 1.7467\% \\ & = 7.19\% \end{aligned}$$

3  $N_2(CO_3)_3$

$$\begin{aligned} N & 2 \times 58 = 110 / 272 = 40.441\% \\ C & 1 \times 12 = 12 / 272 = 4.4118\% \\ O & 9 \times 16 = 144 / 272 = 52.9412\% \\ & = 42.68\% \\ & = 4.41\% \\ & = 52.94\% \end{aligned}$$

4  $H_2SO_4$

$$\begin{aligned} H & 2 \times 1 = 2 / 98 = 2.04\% \\ S & 1 \times 32 = 32 / 98 = 32.65\% \\ O & 4 \times 16 = 64 / 98 = 65.3\% \\ & = 2.04 \\ & = 32.65 \\ & = 65.3 \end{aligned}$$

5  $H_2O$

$$\begin{aligned} H & 2 \times 1 = 2 / 18 = 11.11\% \\ O & 1 \times 16 = 16 / 18 = 88.88\% \\ & = 11.11 \\ & = 88.88 \end{aligned}$$