

Percentage composition

1. Calculate the percentage composition of the following substances

a. SO_2

50%S 50%O

b. SO_3

40%S 60%O

c. HNO_3

1.59%H 22.2%N 76.3%O

2. Calculate the percentage of carbon in the following

a. CO_2

27.3%

b. C_2H_4

85.7%

c. $\text{C}_2\text{H}_5\text{OH}$

52.2%

3. Calculate the percentage of nitrogen in the following

a. HNO_3

22.2%

b. $\text{Mg}(\text{NO}_3)_2$

18.9%

c. NH_4NO_3

35%