21) A component of protein called serine has an approximate molar mass of $100 \cdot g/mole$. If the percent composition is as follows, what is the empirical and molecular formula of serine?

$$\frac{(34.95g)}{12.019} = 2.91$$

Percent composition

12.01×3 + 1.0(×7+ 16×3 + 14.0) = 105 22) Calculate the % composition of the following compound:

Find Molar Mass

$$26.98 \times 2 =$$
 $32.07 \times 3 =$
 $16.00 \times 12 =$
 342