**Molecular and Empirical Formulas I**

1. **If the Molar mass of Glucose is 180.096 g and the % composition of the elements in Glucose is : 40.01 % Carbon, 6.71 % Hydrogen and 53.27 % Oxygen, calculate the molecular formula?(order of elements: CHO)**
2. **What is Glucose’s Empirical formula?**
3. **If the Molar mass of Creatine is 131.113 g and the % composition of the elements in Creatine is: 24.39 % Oxygen, 32.04 % Nitrogen, 36.64 % Carbon and 6.912 % Hydrogen, calculate the molecular formula (order of elements: CHNO).**
4. **What is Creatine’s Empirical formula?**