**Report from practicals**

**Solutions and buffers**

|  |  |  |
| --- | --- | --- |
| Date of practical : | Group: | Choose the element. |
| Click here. | Student 1: | Click here to enter the text. |
| Date of report: | Student 2: | Click here to enter the text. |
| Click here. | Student 3: | Click here to enter the text. |

1. Describe the characteristics of a colloidal solution. Give examples of such solutions and their importance in veterinary medicine.

2. Explain why we use several types of expressing solution concentrations (weight percentage, volume percentage, and molar concentration).

3. Explain why a veterinary student should know the concept of "water dissociation equilibrium constant".

4. Give examples and the importance of buffer solutions in a living organism.

5. Describe the mechanism of action of a phosphate buffer, providing the appropriate chemical reactions.