**Report from practicals  
Enzymatic kinetics 1**

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| Date of practical : | Group: | Choose the element. |
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Theoretical introduction:

1. Mechanism of effect of pH on enzyme activity.
2. Division and classes of enzymes, enzyme nomenclature.
3. Importance of alpha-amylases for digestion of sugars in the gastrointestinal tract (salivary and pancreatic).
4. Characterization of salivary alpha-amylase.

Based on the results of the exercises:

1. Present and interpret obtained results of experiments, determination of optimal pH, temperature for the action of salivary alpha-amylase.
2. Describe the mechanism of action of chloride ions as an activator of salivary alpha-amylase.