

# Theoretical report from practicals

## Reaction in organic chemistry

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Date of practical:

Group:

Student 1:

Student 2:

Student 3:

Date of report:

### Question 1

Write the scheme of the esterification reaction on any selected example. Mark the origin of the water molecule.

### Question 2

Write the reaction scheme in the Tollens test (on any example, sign substrates and products).

**Question 3**

Write the oxidation reactions of the alcohols (primary, secondary and tertiary). Sign substrates and products.

**Question 4**

Write the reaction scheme in the Fehling test (on any example, sign substrates and products).

**Question 5**

Describe the use of salicylic acid. Write the salicylic acid formation reaction.

**Question 6**

Describe the use of iodoform. Write the reactions for obtaining iodoform. What is the iodoform test used for?

**Question 7**

Write the biuret formation reaction. What is a biuret reaction and what do we use it for?