

Chemistry Rediscovered 2016/2017

- Reactions that changed the world -

Video Title:

Team Name:

Team composition:

Responsible teacher:

School:

Country:

E-mail:

Abstract (Max: 150 words)

The abstract should consist in a brief description of the chemical experiment addressed in this work.

Main concepts (Max: 200 words)

Short description of the main theoretical concepts necessary for a complete understanding of the experiment under study. This description can contain tables, figures and schemes, if the team chooses to.

Experimental Protocol (Max: 250 words)

The experimental protocol should be organized in accordance with the following topics:

General safety rules:

This section describes precautions that should be taken when conducting the experiment under study. The team should refer:

- *the toxicity of the materials;*
- *the recommended precautions;*
- *the appropriate safety and personal protective equipment to minimize all routes of potential exposure (e.g., inhalation, dermal contact, and ingestion);*
- *the necessary safety precautions and specific actions to be taken in the event of an emergency.*

Reagents:

The team must specify all the reagents used in this experiment.

Materials:

The team must mention all the material and equipment used in this experiment.

Protocol:

Detailed statement of all performed experimental steps. The students should provide sufficient detail to allow the work to be reproduced.

Applications (Max. 200 words)

The team should emphasize about the practical applicability of the chemical experiment presented in this work. For that purpose, the team should also provide a brief state of the art review.

Conclusions (Max. 100 words)

The team must present a brief conclusion taking into consideration the relevance of the presented experiment, the level of difficulty and some other comments that they consider adequate.

References

List all references mentioned throughout all the above sections.