**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.*