Dear Editor Dr Nedić,

Thank you for handling the manuscript, for recognizing its potential and for giving us the opportunity to submit the revised version. We have carefully considered all comments and suggestions raised by the reviewer, made the changes accordingly and provided feedback, as detailed below.

We trust that the revised manuscript is now improved and hope that in this format is suitable for publication in the Journal of the Serbian Chemical Society.

We are providing the revised manuscript with highlighted amendments and the clear list to reviewer comments, including page and line numbers where the appropriate changes have been made.

Best regards, also on behalf of other authors,

Aneta Buntić

**ID**: 7174

**Title**: “Extraction of polyphenols and nicotine and cellulase production using tobacco waste”

**Reviewers' comments**:

The manuscript entitled “Extraction of polyphenols and nicotine and cellulase production using tobacco waste” by BUNTIĆ et al., describes the use of tobacco residues after microwave-assisted extraction of polyphenols and nicotine, and fermentation pretreatment by *Streptomyces fulvissimus* CKS7, for the production of cellulase by *Paenibacillus chitinolyticus* CKS1. Before it is published it needs minor revision, first of all a thorough editing in English having not so common phrases for scientific language and confusing style.

The authors would like to thank the Reviewer for the suggestions. The manuscript language has been corrected, as appropriate. All of misspells and uncertainties have been checked in detail, thus were cleared in the revised manuscript.

Remarks:

1. Page 3 line 85: define GAE.

The abbreviation GAE has been defined in line 94, Page 4, in the revised manuscript.

1. Page 3 line 87 Table 1: include the preliminary statistical experiment in which the parameters range was determined in this work.

The parameters range presented in the Table 1, those were used in the Central Composite design, were appointed without any preliminary statistical experiment.

1. Page 4 line 89-96: This whole paragraph is confusing. In the test tube 0.1 ml of the extract with a concentration of 10 mg/ml with 0.5 ml of Folin–Ciocalteu reagent and 6 ml of distilled water were mixed together. Please explain was 10 mg/mL the concentration of TPC in extract? Does that mean that the samples were previously appropriately diluted in order to fir calibration curve? The same applies for next paragraph lines 97-104.

Both of the methods, determination of total polyphenols content and determination of nicotine content, have been rewritten in a clearer manner (lines 99-114, page 4 in the revised manuscript). The extract samples were diluted with distilled water to a concentration of 10 mg dry matter ml-1 for polyphenol analysis and 0.5 mg dry matter ml-1 for nicotine analysis, as described in lines 89-90, page 3 in the revised manuscript body.

1. Figure 2: mark the axis.

Done, the axis of the Figure 2 is marked.

1. All references should be prepared according to the Journal instructions.

Done, all of references are prepared according to the Journal instructions.