Prof. Dr. Milos I. Djuran

Inorganic Chemistry Sub Editor

JSCS

**Journal**: Journal of the Serbian Chemical Society

**Manuscript ID**: 6161

**TITLE**: Novel silver(I) compounds with 1-adamantanamine

Dear Prof. Djuran,

Thank you for your letter and the reviewers for their time and valuable comments. We have revised the manuscript to comply with all reviewers’ comments and demands. The corrections and responses to the referee demands and concerns are given below. All modifications introduced in this revised version are marked in yellow for your convenience. We hope that now our manuscript is suitable for publication.

Thank you very much for your time and consideration.

Sincerely Yours,

Ilija Brčeski

**Reviewer: A**
*The present manuscript was improved after revision. It can be accepted for
publication after minor revision.
In the sentence: “The 1H spectra were recorded on a Varian Gemini 2000
instrument at 200 MHz and a 13C spectra were recorded on a nuclear magnetic
resonance(NMR)Bruker Avance III instrument at 500 MHz.”, instead of 500
MHz it should be 50 MHz.
In Table I, formulae of the complexes, [Ag(1-AdNH2)2]ClO4 and
[Ag(1-AdNH2)2]CSA•2CH3OH should be written properly.
In the part of the manuscript related to IR spectral characterization, for
example, 2910.6 cm–1 and 2847.1 cm–1 should be 2910.6 and 2847.1 cm–1.*In my opinion, this manuscript should:
        be published after language correction by the author(s)

**Answer:**

We thank the reviewer for her/his time and comments. We have made the changes upon reviewer advices in the revised version of the manuscript. All the changes are marked in yellow.

**Reviewer: B**

*Thanks for the comments and the answers to the different questions.
The authors have integrate the answers to the discussion part, which
implement the explanation and knowledge given in this manuscript. However,
some part could, in opinion, be removed, in example the one for the X-ray.
The authors have reformulate the formula of the nitrate compound with
addition of 0.5 MeOH, but if we do the same calculation for the perchlorate
compound, we found a theoretical value of 20.51 %, which is concordant with
the determined value (20.56 %). The same procedure can be done with the CSA
complex, which gives for 2.5 MeOH 14.94 % and for 3 MeOH (14.64 %). As no
vibration band is given in the IR part for the MeOH, it would be interesting
to know if these MeOH found via AAS are present in the complex or are they
here as remaining solvent due to non-complete drying of the samples. If they
are due to non-dry sample, they should not appears in the formula but as
additional element in the calculation of the AAS values. These has also an
impact on the MIC values, firstly due to the potential difference in the
composition and secondly it could have an impact on the MIC value as
“killing” agent.

In my opinion, this manuscript should:
        be published after minor revision without additional review*

**Answer:**

We thank the reviewer for her/his time and comments. We have removed the paragraph regarding X-ray measurements. The formulae of perchlorate and CSA compound are reformulated and MIC values are recalculated accordingly. We have also changed Scheme 1 and Figure 1 to be concordant with formulae. The sentence regarding methanol IR bands in the present version of the manuscript is added. Unfortunately, methanol bands are overlapped with the bands that belong to –NH2, –CH2– group and counter ions. All the changes are marked in yellow.

​