Atmospheric Measurement Techniques Discussions

Atmos. Meas. Tech. Discuss., author comment AC1
https://doi.org/10.5194/amt-2021-327-AC1, 2022

Reply on RC1 and RC2

Junteng Wu et al.

Author comment on "Substantial organic impurities at the surface of synthetic ammonium sulfate particles" by Junteng Wu et al., Atmos. Meas. Tech. Discuss., https://doi.org/10.5194/amt-2021-327-AC1, 2022

Object – Answers to the Reviewers for the paper: "Substantial organic impurities at the surface of synthetic ammonium sulfate particles", Ref. amt-2021-327

Dear Editor, dear Reviewers,

We would like to thank the Editorial Board for considering our paper "Substantial organic impurities at the surface of synthetic ammonium sulfate particles" for publication in AMT. We would also like to thank the reviewers for the constructive comments, suggestions and corrections in English writing which clearly help us to improve this article. We have carefully studied the comments, and the original paper has been revised accordingly. In particular, as suggested by the reviewers, more arguments have been added in the introduction to highlight the case of why the amount of organic impurities on AS aerosol particles is so important. We have also completed some details of the experiments to illustrate the thoroughness of the results.

With our best regards,

Dr. Junteng Wu on behalf of all authors

Please also note the supplement to this comment:
https://amt.copernicus.org/preprints/amt-2021-327/amt-2021-327-AC1-supplement.pdf