

Response letter

[Atmospheric Chemistry and Physics, MS ID: acp-2016-1081]

Title: Mixing state of oxalic acid containing particles in the rural area of Pearl River Delta, China: implication for seasonal formation mechanism of Secondary Organic Aerosol (SOA)

Dear editor

Thank you for your comments and contribution to our manuscript. We have responded all the comments from three anonymous referees, and have submitted the point-by-point response to the interactive discussion. We appreciate these valuable and helpful comments to our work and enable it to meet the high quality of the journal Atmos. Chem. Phys. In addition to the relevant changes to all the comments from three anonymous referees, several modifications have also been made in the manuscript and listed below. The marked-up manuscript has been uploaded.

Anything about our paper, please feel free to contact me at limei2007@163.com

Best regards!

Sincerely yours

Mei Li

April 7, 2017

Several modifications in the manuscript:

1. We have added two co-authors in the manuscript due to their helpful discussions. The author list “Chunlei Cheng^{1,2}, Mei Li^{1,2*}, Chak K. Chan³, Haijie Tong⁴, Changhong Chen⁵, Duohong Chen⁶, Dui Wu^{1,2}, Lei Li^{1,2}, Peng Cheng^{1,2}, Wei Gao^{1,2}, Zhengxu Huang^{1,2}, Xue Li^{1,2}, Zhong Fu⁷, Yanru Bi⁷, Zhen Zhou^{1,2*}” has been changed to “Chunlei Cheng^{1,2}, Mei Li^{1,2*}, Chak K. Chan³, Haijie Tong⁴, Changhong Chen⁵, Duohong Chen⁶, Dui Wu^{1,2}, Lei Li^{1,2}, Cheng Wu^{1,2}, Peng Cheng^{1,2}, Wei Gao^{1,2}, Zhengxu Huang^{1,2}, Xue Li^{1,2}, Zhijuan Zhang^{1,2}, Zhong Fu⁷, Yanru Bi⁷, Zhen Zhou^{1,2*}”.
2. We have changed the keywords “Secondary organic aerosols” to “Aqueous phase reactions” in line 69.
3. “Haijie Tong acknowledge Max Planck Society for funding and Ulrich Pöschl for helpful discussions.” has been added in the acknowledgements in lines 525-526.