

Interactive comment on “Hygroscopic growth and activation of HULIS particles: experimental data and a new iterative parameterization scheme for complex aerosol particles” by M. Ziese et al.

M. Ziese et al.

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Answer to reviewer #3:

Thanks for your review!

We have addressed all of your few minor comments and do not go into detail on this, here.

To clarify the fact that not only HULIS but organic species in general still pose questions regarding their role in hygroscopic growth and activation, the text now hints towards two contemporary review papers by Kanakidou et al. (2005) and by McFiggans et al. (2006), both in ACP.

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Page 13780, line 4 pp: This was a mistake in the text. Thanks for pointing it out! Looking at Figure 1, it can be seen that the trend is what is expected and what you say: smaller particles show lower hygroscopic growth factors. The text is corrected now.

Interactive comment on Atmos. Chem. Phys. Discuss., 7, 13773, 2007.

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