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Comment

Interactive comment on “A combined particle trap/HTDMA hygroscopicity study of mixed inorganic/organic aerosol particles” by A. A. Zardini et al.

A. A. Zardini et al.

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We thank the editor for the constructive comments and suggestions. Please find below the answers to every specific comment (labeled as in the editor’s original comment).

P.5246 We thank Chak Chan for pointing out this paper. We agree that polymorphism offers a valid explanation for the differences in DRH of glutaric acid observed by different investigators and changed the manuscript accordingly. Please see our reply to Comment S1602-S1604 (J.Kelly), point 4.

P.5247 We cite Ling (2008) following the suggestion of J. Kelly (referee) and of the editor (see above). We add the following sentence on page 5237, line 22: "Chan and Chan (2007) found mass transfer effects in the deliquescence and evaporation

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of ammonium sulfate particles that were heavily coated (34 wt%) with octanoic acid.". The paper was added to the bibliography.

Interactive comment on Atmos. Chem. Phys. Discuss., 8, 5235, 2008.

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8, S4151–S4152, 2008

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