Heterogeneous uptake of ammonia and dimethylamine into sulfuric and oxalic acid particles

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Supplementary Figures

Figure S1: Experimental setup of simultaneous absorption of dimethylamine and ammonia in sulfuric acid and oxalic acid particles. The experimental procedure includes RH conditioning, Gas generation, Flow cell reaction, Particle analysis with the Ion Chromatograph, and Phase state and morphology observation with a Microscope Raman. Abbreviations: HP N$_2$, high purity nitrogen gas, RH, relative humidity; DMA, dimethylamine. ............................................................................................................................................... 2

Figure S2: Morphological changes during the uptake of 1.0 ppm DMA and 1.9 ppm NH$_3$ into oxalic acid particles at 70% RH. ..................................................................................................................................... 2
Methods
Experimental setup

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Results and discussion
Section 3. Uptake into oxalic acid particles

ox0.5\(_{70\%}\)

Figure S2: Morphological changes during the uptake of 1.0 ppm DMA and 1.9 ppm NH\(_3\) into oxalic acid particles at 70\% RH.