

Supplement of

**Controlling Phase Evolution of Inorganic Salt Systems
with Polyhydroxy Substances In Atmospheric Aerosols**

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Summary: 7 pages, 6 figures.

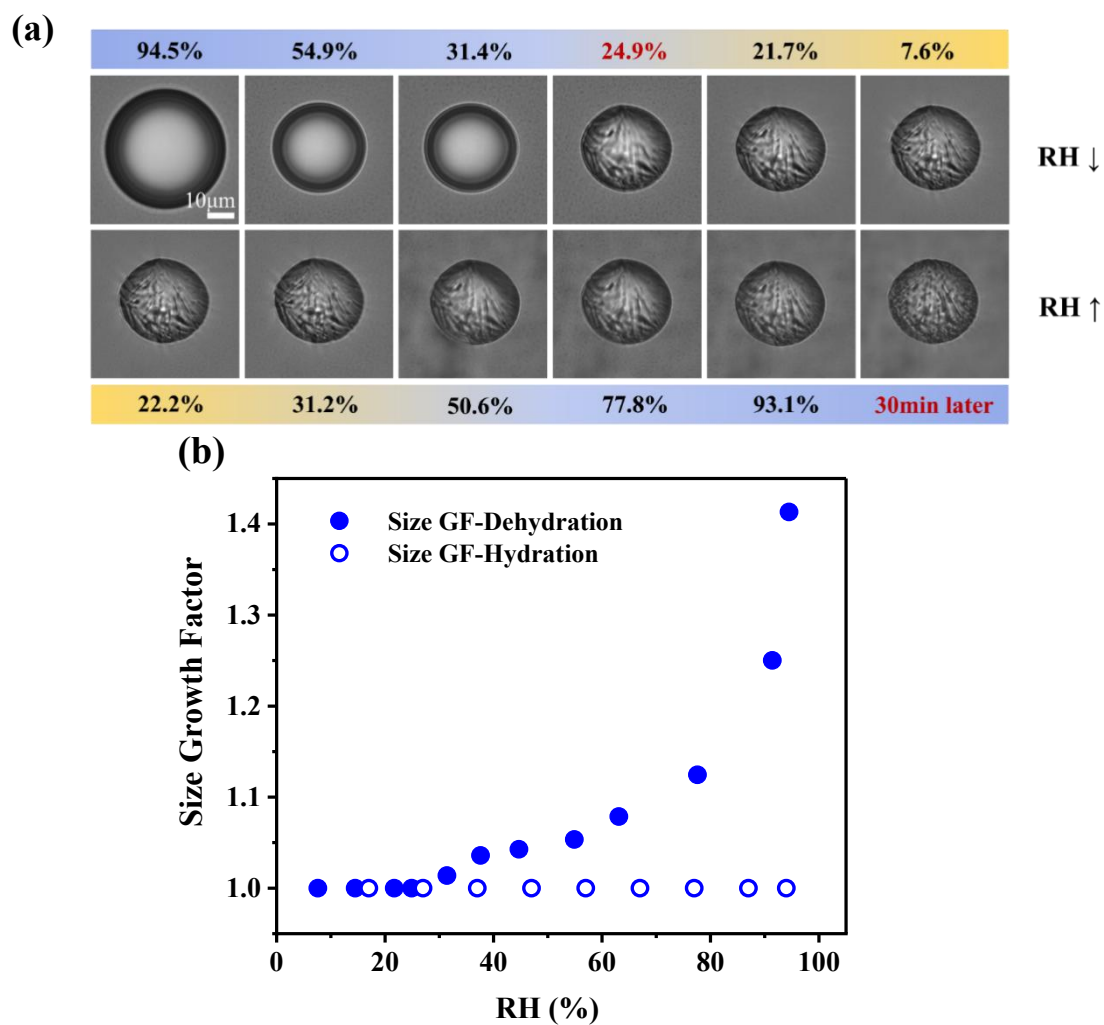


Figure S1: (a) The morphological change of a single particle and (b) the size growth factor during a down-up RH cycle for tartaric acid aerosol

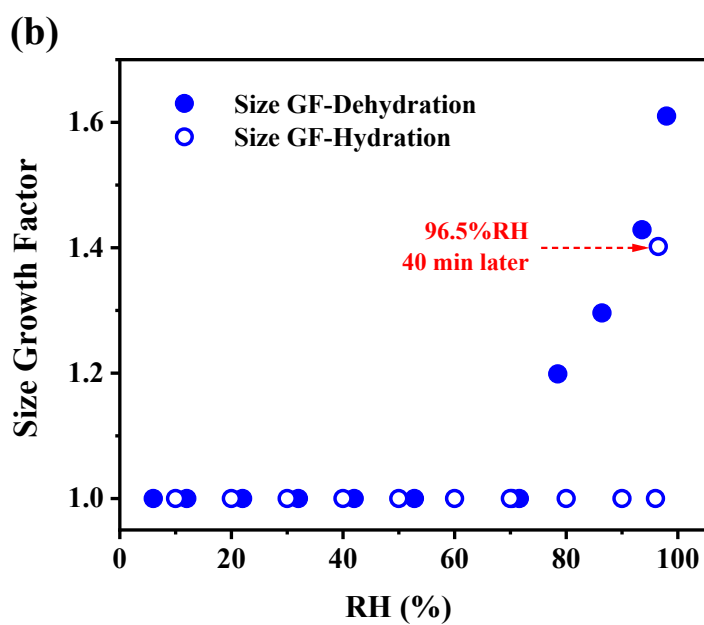
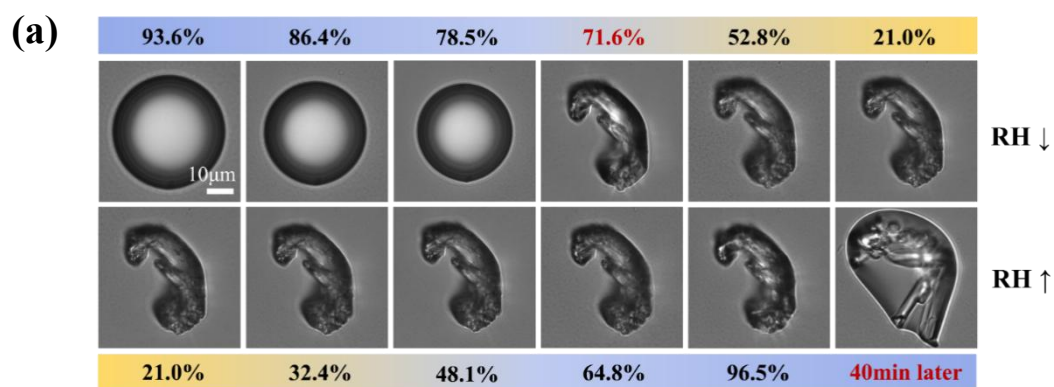


Figure S2: (a) The morphological change of a single particle and (b) the growth factor during a down-up RH cycle for sodium bitartrate aerosol

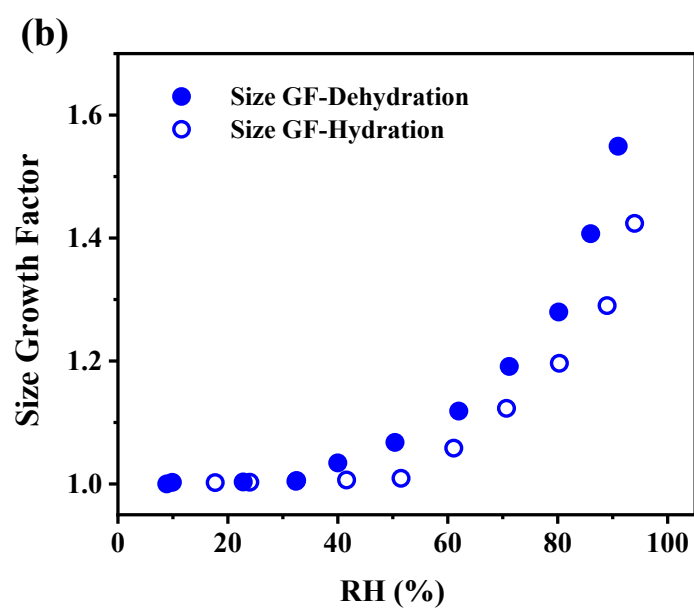
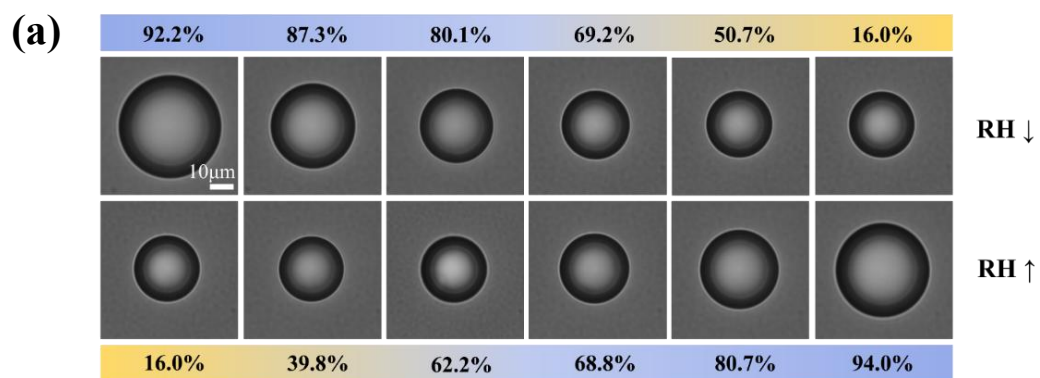


Figure S3: (a) The morphological change of a single particle and (b) the growth factor during a down-up RH cycle for sodium tartrate aerosol

SBT/ NH_4NO_3 (1:1)

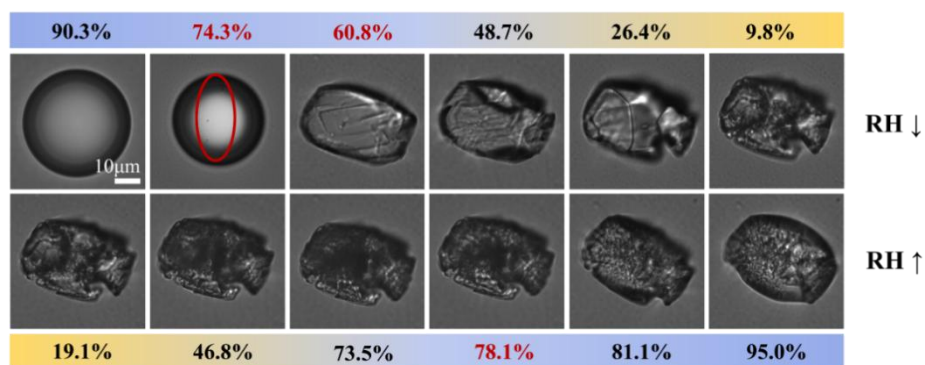


Figure S4: The morphological change of a single particle dependent upon RH for SBT/ NH_4NO_3

SBT/NH₄Cl (1:1)

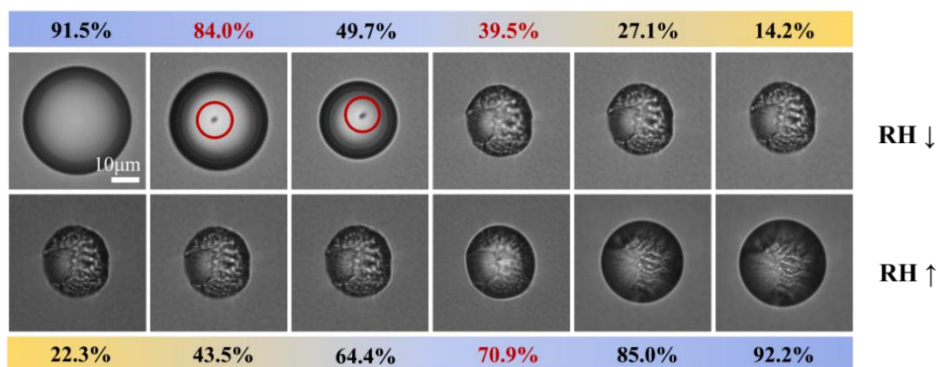


Figure S5: The morphological change of a single particle dependent upon RH for SBT/NH₄Cl

SBT/NaCl (1:1)

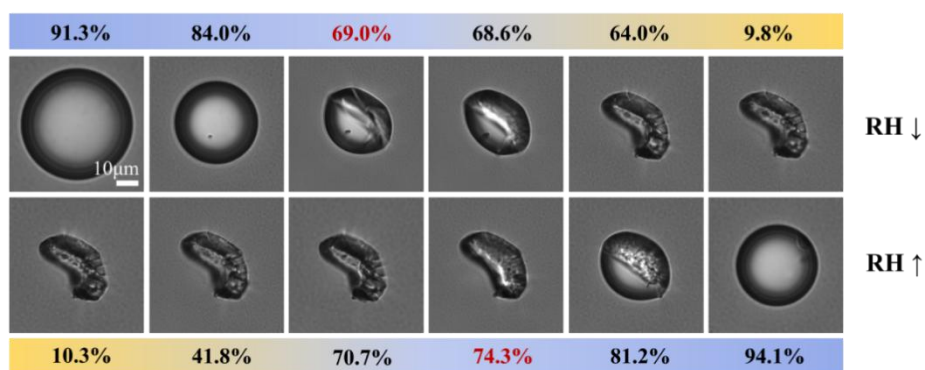


Figure S6: The morphological change of a single particle dependent upon RH for SBT/NaCl