Electronic Supplementary Material (ESI) for Physical Chemistry Chemical Physics.

Supporting Information for "Hydrogen-Bonding Interactions of Uric Acid Complexes with Water/Melamine Revealed by Mid-Infrared Spectroscopy"

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(Dated:)

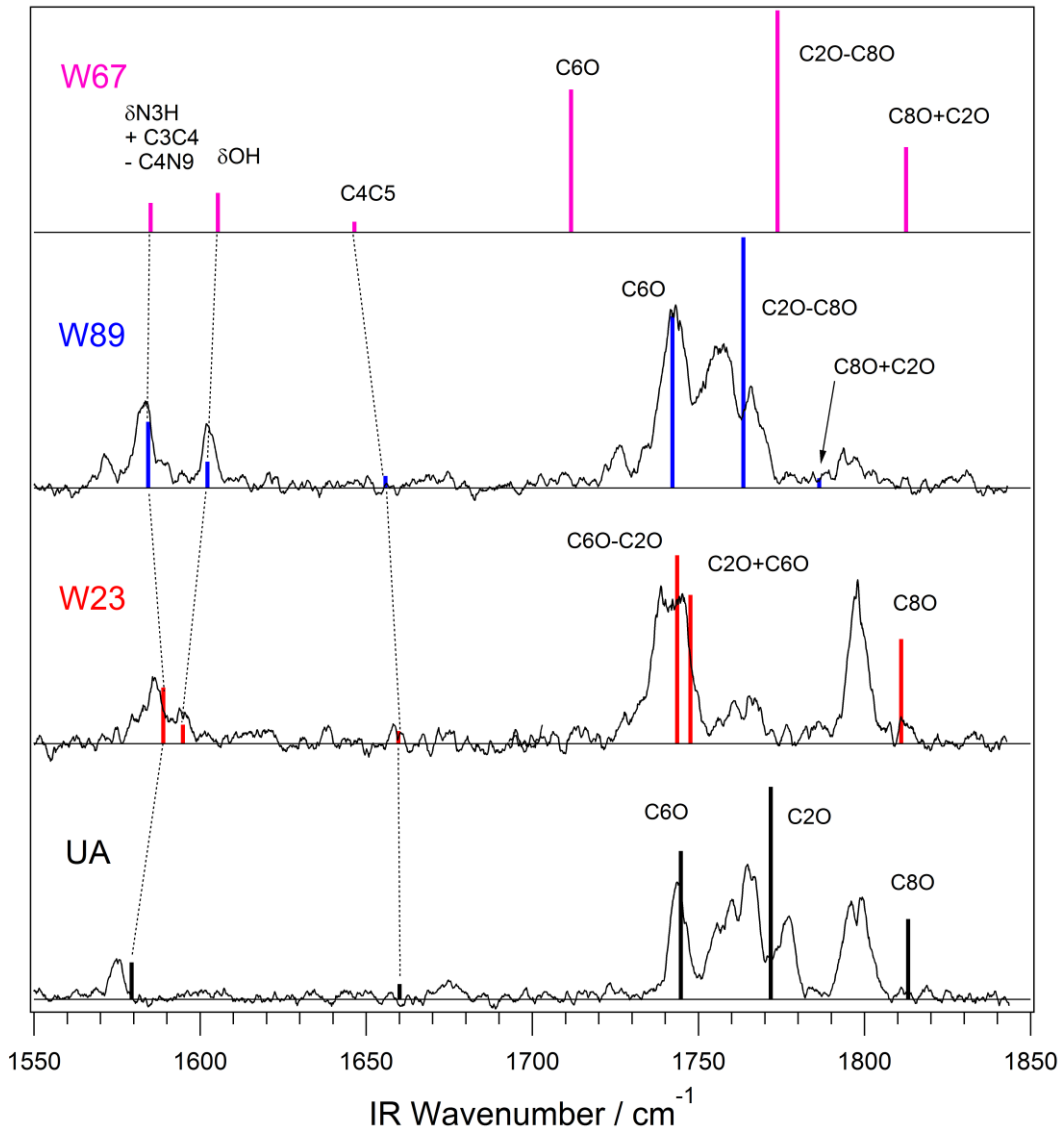

Fig. S1 Calculated IR spectra (scaled by a factor of 0.982) and vibrational assignments for the three lowest energy isomers (W23, W89, and W67 in Fig. 1) of the monohydrated clusters of UA. Experimental IR spectra reproduced from Fig. 3 are shown for comparison.

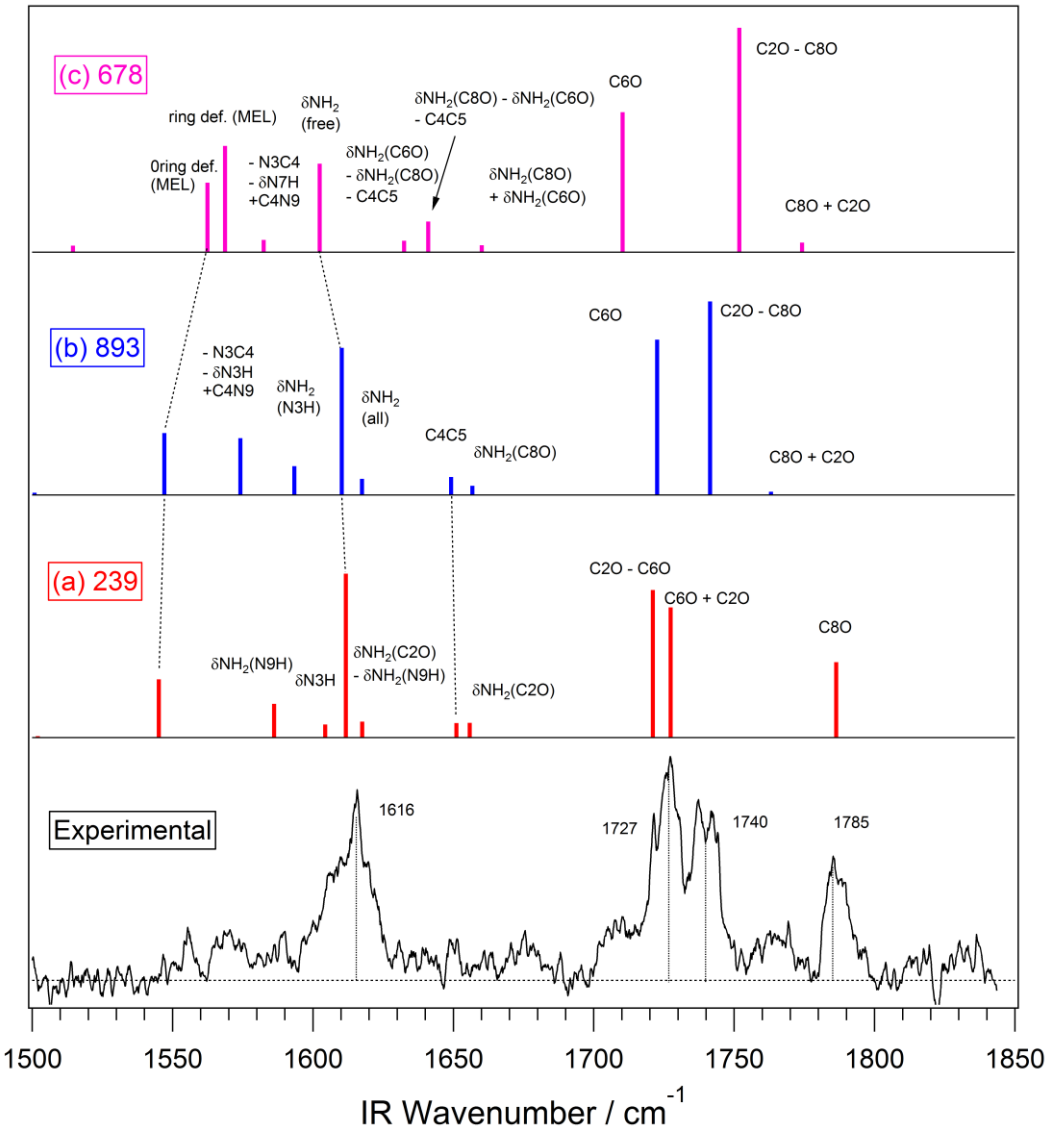

Fig. S2 Calculated IR spectra (scaled by a factor of 0.982) and vibrational assignments for the three lowest energy isomers (structures 239, 893, and 678 in Fig. 1) of the UA–MEL complex. Experimental IR spectrum reproduced from Fig. 6 is also shown for comparison.