

SUPPLEMENTARY MATERIAL TO  
**The influence of conversion creatine and guanidinoacetic acid  
from zwitterionic to cationic form on their solubility in water –  
A thermodynamic study**

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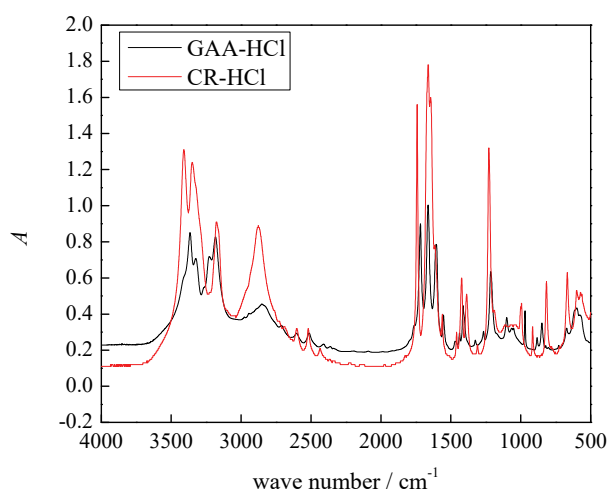


Fig. S-1. IR spectra of creatine hydrochloride and GAA hydrochloride where prominent vibrational bands at  $\sim 3000\text{--}3500\text{ cm}^{-1}$  are related to NH stretching vibrations, and at  $\sim 900\text{--}1800\text{ cm}^{-1}$  to CH and CHO stretching vibrations.

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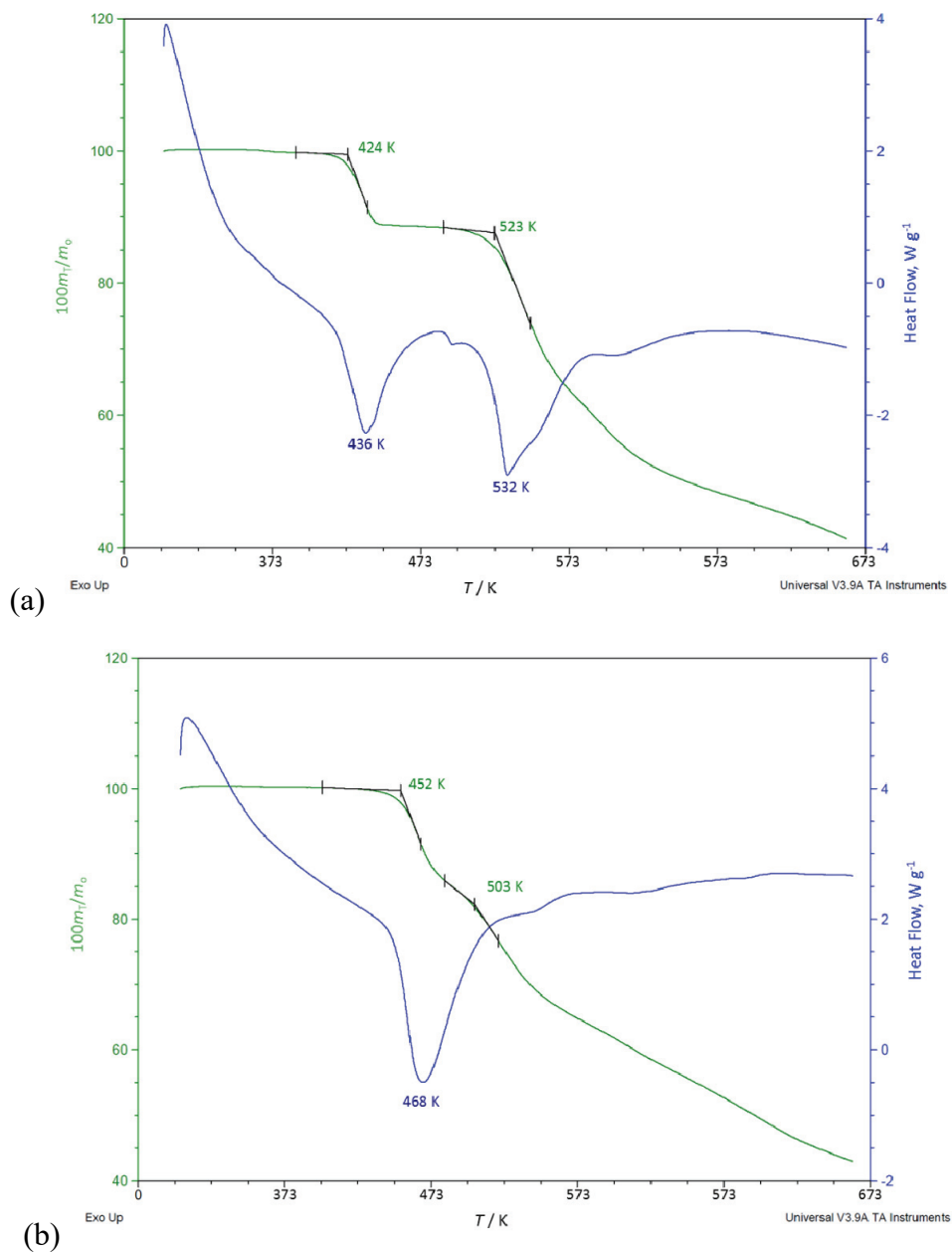


Fig. S-2. a) Thermogravimetric and b) DSC curves of creatine hydrochloride and GAA hydrochloride.