

Manganese Ion-induced Amyloid Fibrillation Kinetics of Hen Egg White-Lysozyme in Thermal and Acidic Conditions

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Fig. S1 Curve fitting analyses of the amide I band profiles of HEWL after incubation for 144 h, in thermal/acid (a) and thermal/acid/Mn²⁺ (b) conditions, where five Lorentzian-type functions are used to present the contributions of different protein secondary structures and Tyr residues.

Table S1. Curve fitting analyses of the amide I band profile of HEWL after incubation for 144 h, in thermal/acid or thermal/acid/Mn²⁺ conditions, where the peak position (cm⁻¹) and the relative ratio of each component (A%).

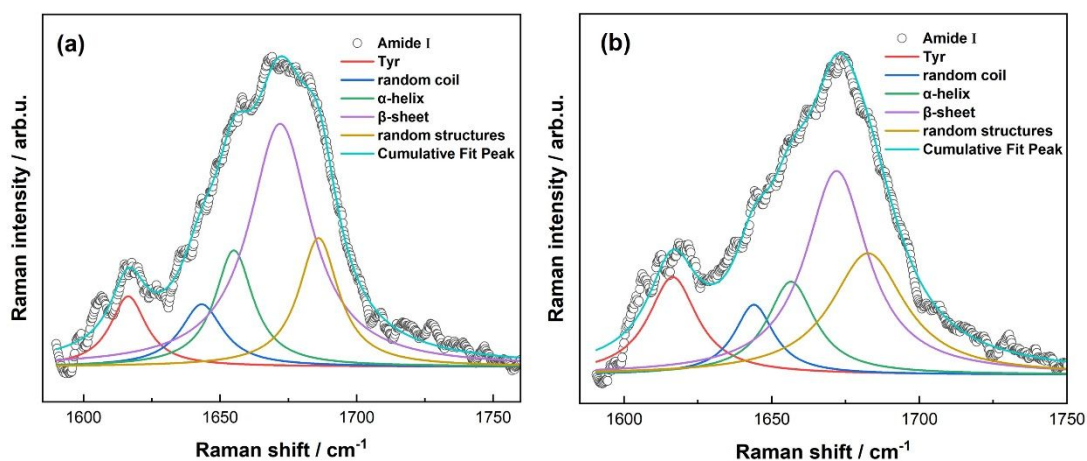


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Incubation conditions	random coils		α -helix		β -sheet		random structures	
	Peak	A%	Peak	A%	Peak	A%	Peak	A%
thermal/acid	1643	0.10	1655	0.17	1672	0.55	1686	0.18
thermal/acid/ Mn^{2+}	1644	0.09	1656	0.16	1672	0.44	1682	0.31