

Supplemental Information

Supplementary Table 1. The colloidal properties of vinegar and diluted vinegars by different buffers

Diluted vinegar	Size (nm)	PDI
Vinegar	486.7 $\pm$ 2.0	0.38 $\pm$ 0.02
Deionized water	431.1 $\pm$ 4.1	0.51 $\pm$ 0.04
pH 3.6, 0.01M Sodium acetate -Acetic acid buffer	547.9 $\pm$ 14.2	0.49 $\pm$ 0.01
pH 3.6, 0.02M Sodium acetate -Acetic acid buffer	981.8 $\pm$ 89.8	0.52 $\pm$ 0.02
pH 5, 0.01M Sodium acetate -Acetic acid buffer	782.6 $\pm$ 9.2	0.45 $\pm$ 0.10
pH 7, 0.01M Phosphate buffer	316.5 $\pm$ 5.7	0.48 $\pm$ 0.03