Supplemental Information

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

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