

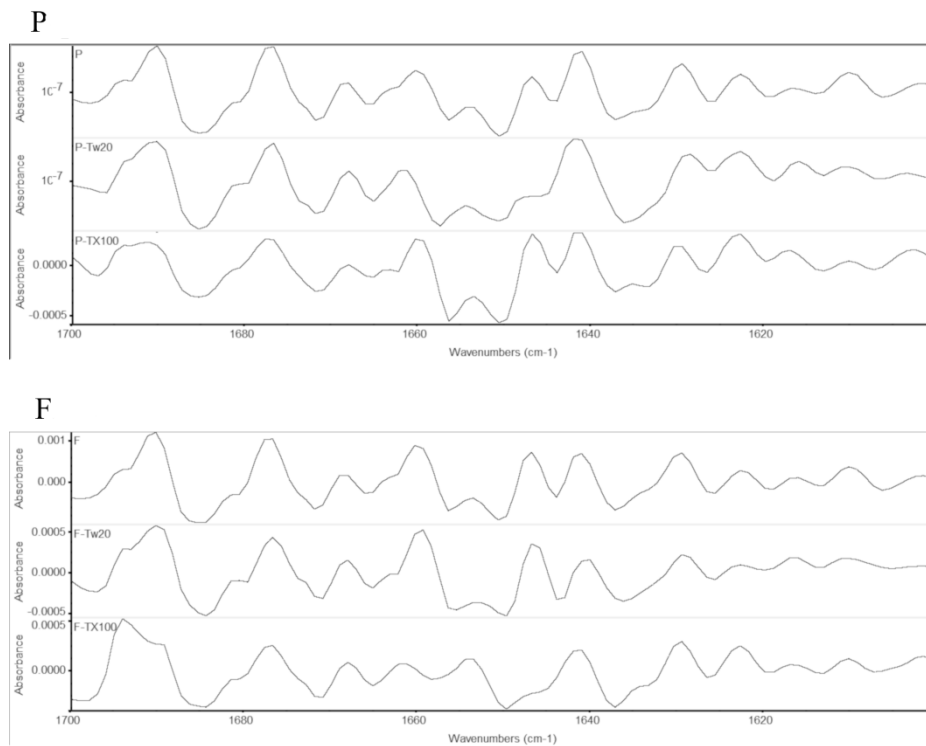
Supplementary data for the article:

Vatić, S.; Mirković, N.; Milošević, J. R.; Jovčić, B.; Polović, N. Đ. Broad Range of Substrate Specificities in Papain and Fig Latex Enzymes Preparations Improve Enumeration of *Listeria Monocytogenes*. *International Journal of Food Microbiology* **2020**, *334*, 108851.

<https://doi.org/10.1016/j.ijfoodmicro.2020.108851>

Supplementary Table 1. Spectral correlation coefficients for papain and ficin samples in the presence of 0.1% of different non-ionic surfactants.

| Samples | Tween 20 | Triton X-100 |
|----------------------------|-----------------|---------------------|
| Papain | 0.8642 | 0.8295 |
| Fig latex proteases | 0.8809 | 0.7516 |



Supplementary figure 1. Secondary derivative spectra of Amide I FTIR band for papain (P) and latex proteins (F) samples in the presence of 0.1% of different non-ionic surfactants (Tw20 – Tween20, TX100 – Triton X 100).

Supplementary Table 2. A significant difference (p values) between the *Listeria monocytogenes* ATCC19111 bacteria enumerated in samples of fermented sausages.

| samples | Buffer only | papain | | fig latex | |
|---------------------|----------------|---------|---------|-----------|---------|
| | | 0.01 | 0.05 | 0.01 | 0.05 |
| | | mg/mL | mg/mL | mg/mL | mg/mL |
| buffer only | | 0.00108 | 0.00267 | 0.00377 | 0.00086 |
| Tween 20 | 0.08677 | 0.04605 | 0.00902 | 0.00098 | 0.00065 |
| Triton X-100 | 0.30672 | 0.04832 | 0.04488 | 0.04525 | 0.00023 |