Electronic Supplementar	y Material ((ESI)) for Ana	lyst.
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Fourier-transform infrared spectroscopy for characterization of protein chain reductions in enzymatic reactions

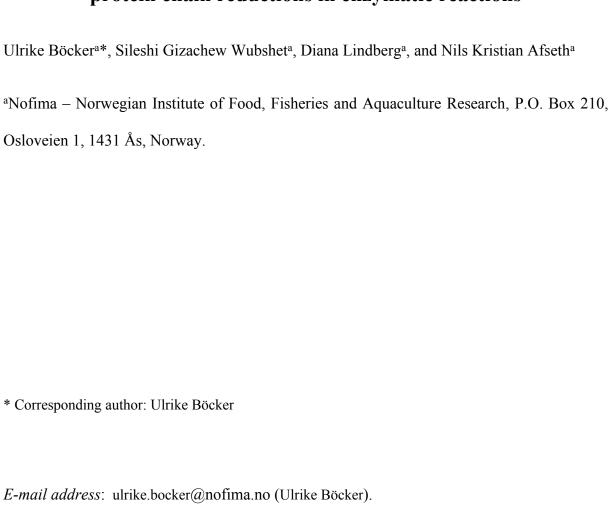


Figure S1: Score (A: salmon muscle(SF) and C: chicken muscle(CF)) and loading(B: salmon muscle(SF) and D: chicken muscle(CF)) plot from FTIR-based PCA of protein hydrolysates collected during Alcalase catalyzed protein hydrolysis. The PCA was based on an FTIR spectral region from 1800-700 cm⁻¹.

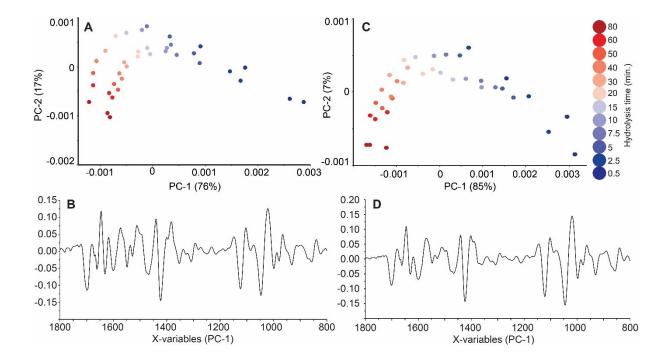


Figure S2: Score (A: salmon processing by-products(SPB) and C: mechanical chicken deboning residues (MCDR)) and loading(B: salmon processing by-products(SPB) and D: mechanical chicken deboning residues (MCDR)) plot from FTIR-based PCA of protein hydrolysates collected during Alcalase catalyzed protein hydrolysis. The PCA was based on an FTIR spectral region from 1800-700 cm⁻¹.

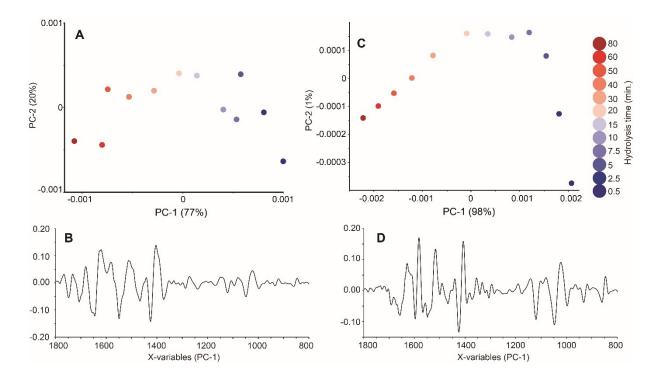


Figure S3: Exemplary EMSC-corrected absorbance spectra of hydrolysate of MCDR from 4 hydrolysis time points (0.5, 10, 40, and 80 min). Region a and b highlight bands that display ratio change with increasing hydrolysis time.

