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Czech J. Fo

Solichová K., Š I., Jebavá I., Ul

Characterisation of an antilisterial bacteriocin-like substance produced by *Enterococcus mundtii*

Czech J. Food Sci., 30 (2011)

The antilisterial activity of strain 1282 and its cell-free neutral supernatant was observed against persistent *L. monocytogenes* using the agar spot method. An enterococcal metabolite was consequently characterised as a proteinaceous, bacteriocin-like substance, heat-stable at heating to 100 °C for 30 min, stable at pH 2–11, and active after eight-week long storage at 4 °C and –20 °C. The bacteriocin-like substance reached the highest activity of 6400 AU/ml after ten hours of production by *E. mundtii* 1282 strain, which

the stationary phase of its
mundtii 1282 strain produ
bacteriocin-like substance