Surfactin Isoforms from *Bacillus coagulans*

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*Bacillus coagulans* has been found to produce several surfactins that are powerful lipopeptide surfactants. Four main components with molecular weights 1007, 1021 and 1035 Da were separated. Their structures have been confirmed by spectrometric and spectroscopic studies and by acid hydrolysis. The compounds were found to represent two pairs of surfactin isoforms in which β-hydroxy-iso-C\(_{14}\) or anteiso-C\(_{15}\) fatty acids are linked to the [Leu7] or [Val7] heptapeptide moiety by both an amide group and a lactone bond.

**Key words:** Biosurfactant, Surfactin Isoforms, *Bacillus coagulans*