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Helicobacter pylori growth pattern in reference media and extracts from selected minimally processed vegetables

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RESEARCH HIGHLIGHTS

H. pylori growth kinetics was fitted in reference media to the Gompertz equation

The growth behavior of *H. pylori* is assessed by the first time in vegetable extracts

H. pylori growth and viability is significantly affected (p -value < 0.05) by temperature

H. pylori achieved close to 1 \log_{10} cycle of growth after 5 days at 20 °C in lettuce

H. pylori survives in chard, spinach and kale extracts (20 °C, 5 days) being unable to grow

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