

Abstract

The present invention aims to provide butyric acid-producing bacteria that can be used more safely as an active ingredient in intestinal regulators and the like. The present invention relates to *Clostridium butyricum* that produces n-butyric acid and has all of the

5 following features (1) to (3):

(1) have no ability to assimilate D-xylose;

(2) have no ability to assimilate D-trehalose; and

(3) produce a lower level of formic acid in a culture liquid after 72 hours of anaerobic culture at 37°C than a NBRC13949T strain as a type strain of *Clostridium*

10 *butyricum*.