

ABSTRACT

THE USE OF *BACILLUS* PB6 FOR THE PROPHYLAXIS OR TREATMENT OF GASTROINTESTINAL AND IMMUNO-RELATED DISEASES

Bacteria of the sp. *Bacillus* that produce a lipopeptide are found to be effective in the treatment and prophylaxis of gastro-intestinal disease when administered as a probiotic. In particular, a strain of *Bacillus* bacteria identified as PB6 is useful for the treatment of Antibiotic Associated Diarrhea (AAD) or the more serious condition *Clostridium difficile* associated diarrhea (CDAD) when administered as a probiotic. Additionally, these bacteria have been found efficient for the treatment of immunorelated diseases such as Inflammatory Bowel Disease (IBD).

Figure. 2