We claim,

1. A purification method for producing partially purified extracellular metabolite preparation from the probiotic bacterial strain *Bacillus coagulans* SBC37-01 (Deposited in the Microbial Type Culture Collection and Gene Bank and was assigned the strain number MTCC 5856) exhibiting 99% genetic homology with the known bacterial strains *Bacillus coagulans* ATCC 31284, *Bacillus coagulans* NBRC 3887 and *Bacillus coagulans* ATCC 7050, said purification method comprising the steps of:

~~1.~~(a) ~~Inoculating~~ inoculating a culture of *Bacillus coagulans* MTCC 5856 exhibiting 99% genetic homology with the known bacterial strains *Bacillus coagulans* ATCC 31284, *Bacillus coagulans* NBRC 3887 and *Bacillus coagulans* ATCC 7050 into 1.0 liter of Glucose Yeast Extract Acetate broth medium or MRS broth containing 0.5% tween 80 or Corn steep powder media;

~~2.~~(b) ~~Allowing~~ allowing the fermentation in the inoculated medium of step ~~1~~ (a) to proceed for 24-48 h at 37°C with 120 rpm;

~~3.~~(c) ~~Centrifuging~~ centrifuging the fermentation broth of step ~~2~~ (b) at 4000-7000 rpm;

~~4.~~(d) ~~Concentrating~~ concentrating supernatants 10 fold by using rotary evaporator at 50°C of step ~~3~~ (c)~~.~~;

~~5.~~(e) ~~Adding~~ adding 150 ml of chilled acetone drop by drop to 100 ml of tenfold concentrated supernatants of step 4 (d), followed by mixing;

~~6.~~(f) ~~Incubating~~ incubating the mixture of step ~~5~~ (e) at 0°C for 30 minutes followed by centrifuging at 7000-8000 rpm;

~~7.~~(g) ~~Discarding~~ discarding the pellet obtained in step ~~6~~ (f) and collecting 60% acetone saturated supernatant (~200ml)~~.~~;

~~8.~~(h) ~~Concentrating~~ concentrating the acetone saturated supernatant in step ~~7~~ (g) to 50 ml by rotary evaporator~~.~~;

~~9.~~(i) ~~Adjusting~~ adjusting the pH to 5.0 by using 4N HCl, filtered (0.22 micron; Millex, Millipore, India) and stored at -20°C till further use~~.~~; and

~~10.~~(j) ~~Freeze~~ freeze drying/spray drying/tray drying the supernatant of step ~~8~~ (h).

2. A process of microbial control, said process comprising the step of bringing into contact effective concentrations of a partially purified extracellular metabolite preparation from probiotic bacterial strain *Bacillus coagulans* SBC37-01 (Deposited in the Microbial Type Culture Collection and Gene Bank and was assigned the strain number MTCC 5856) exhibiting 99% genetic homology with the known bacterial strains *Bacillus coagulans* ATCC 31284, *Bacillus coagulans* NBRC 3887 and *Bacillus coagulans* ATCC 7050 and a target microbial cell.

3. The process of claim 2 wherein the microbial cell is one selected from the group comprising *Pseudomonas aeruginosa, Escherichia coli, Staphylococcus aureus, Staphylococcus epidermidis, Streptococcus mutans, Propionibacterium acnes, Bacillus cereus and Salmonella abony.*

4. A process of microbial control, said process comprising the step of bringing into contact a microbial cell with effective concentrations of a preparation consisting essentially of partially purified extracellular metabolite preparation from probiotic bacterial strain *Bacillus coagulans* SBC37-01 (Deposited in the Microbial Type Culture Collection and Gene Bank and was assigned the strain number MTCC 5856) exhibiting 99% genetic homology with the known bacterial strains *Bacillus coagulans* ATCC 31284, *Bacillus coagulans* NBRC 3887 and *Bacillus coagulans* ATCC 7050 and a synergistic preservative blend comprising from about 61% w/w of thymol, about 38% of monolaurin and about 1% w/w of magnolol obtained from supercritical fluid extracts of *Magnolia officinalis.*