

ABSTRAK

Dari data yang didapatkan bakteri probiotik dapat memproduksi beberapa substansi antibakteri masing masing adalah:

1. *Bacillus brevis* yang memproduksi protease, bacteriocin (germicidiine dan pyrocydin).

2. *Bacillus circulans* yang memproduksi protease, bacteriocin (circulin)

3. *Bacillus coagulans* yang memproduksi protease, bacteriocin (coagulins)

4. *Pseudomonas spp.* yang memproduksi protease, amilase lipase.

5. *Pseudomona putida* yang memproduksi protease, amilase, lipase

6. *Pseudomonas mallei* yang memproduksi protease, amylase, lipase

7. *Pseudomonas spp.* yang memproduksi protease, amylase, lipase

7. *Pseudomonas maltophillic* yang memproduksi protease, amylase, lipase

8. *Corynebacterium* yang memproduksi bacteriocyn, lyzozym

9. *Corynebacterium boffmani* yang memproduksi bacteriocyn, lyzozym

ABSTRACT

Based from collected data of probiotic bacteria we summarized:

1. *Bacillus brevis* which produced protease, bacteriocin (germicidine dan pyrocydin)
2. *Bacillus circulans* have activity of protease, bacteriocin (circulin)
3. *Bacillus coagulans* wich have protease, bacteriocin (coagulins)
4. *Pseudomonas* spp. which have protease, amilase lipase.
5. *Pseudomona putida* produced protease, amilase, lipase
6. *Pseudomonas mallei* which have produces protease, amylase, lipase
7. *Pseudomonas* spp. Have activity of protease, amylase, lipase
7. *Pseudomonas maltophilia* produces of protease, amylase, lipase
8. *Corynebacterium* have activity of bacteriocyn, lyzozym
9. *Corynebacterium boffmani* which have produced of bacteriocyn, lyzozym