CLAIMS:

1. A composition comprising from about 0.00001 wt% to about 100 wt % of an extract derived from sugar cane for use in the prevention or in the treatment of prawns or shrimp infected with *Enterocytozoon hepatopenaei* (EHP) by inhibition or inactivation of *Enterocytozoon hepatopenaei* (EHP), the extract comprising from about 10 catechin equivalent (CE) g/L to about 100 CE g/L of polyphenols or from about 100 CE mg/g to about 1000 CE mg/g of polyphenols, and wherein the use is by inclusion of the extract in an aquatic environment.

2. A composition according to claim 1, wherein the extract comprises from about 10 catechin equivalent (CE) g/L to about 80 CE g/L of polyphenols or from about 100 CE mg/g to about 800 CE mg/g of polyphenols.

3. A composition according to claim 1 or 2, wherein the extract comprises from about 10 CE g/L to about 50 CE g/L of polyphenols or from about 100 CE mg/g to about 500 CE mg/g of polyphenols.

4 A composition according to any one of claims 1-3 wherein the extract comprises about 1 CE g/L to about 15 CE g/L of flavonoids or about 10 CE mg/g to about 150 CE mg/g of flavonoids.

5. A composition according to any one of claims 1-2 wherein the extract comprises from about 10 catechin equivalent (CE) g/L to about 80 CE g/L of polyphenols or from about 100 CE mg/g to about 800 CE mg/g of polyphenols and about 1 CE g/L to about 15 CE g/L of flavonoids or about 10 CE mg/g to about 150 CE mg/g of flavonoids.

6. A composition according to any one of claims 1-5 wherein the extract is in a concentration of 0.1 to 2.0% v/v.

7. A composition according to any one of claims 1-5 wherein the extract is in a concentration of 0.1 to 1.0% v/v.

8. A composition according to any one of claims 1-5 wherein the extract is in a concentration of 0.1 to 0.6% v/v.

9. A composition se according to any one of claims 1-5 wherein the extract is in a concentration of 0.3 to 0.6% v/v.

10. A composition according to any one of claims 1-5 wherein the prawn species is selected from *Penaeus monodon*, *Penaeus (Litopenaeus) vannamei* and *Penaeus (Litopenaeus) stylirostris.*

11. Use of about 0.00001 wt% to about 100 wt % of an extract derived from sugar cane, the extract comprising from about 10 catechin equivalent (CE) g/L to about 100 CE g/L of polyphenols or from about 100 CE mg/g to about 1000 CE mg/g of polyphenols, in the preparation of a composition for the prevention or in the treatment of *Enterocytozoon hepatopenaei* (EHP) infections in prawns or shrimp by inhibition or inactivation of *Enterocytozoon hepatopenaei* (EHP), wherein the use is by inclusion of the extract in an aquatic environment.

12. Use according to claim 11, wherein the extract comprises from about 10 catechin equivalent (CE) g/L to about 80 CE g/L of polyphenols or from about 100 CE mg/g to about 800 CE mg/g of polyphenols.

13. Use according to claim 11 or 12 wherein the extract comprises from about 10 CE g/L to about 50 CE g/L of polyphenols or from about 100 CE mg/g to about 500 CE mg/g of polyphenols.

14. Use according to any one of claims 11-13 wherein the extract comprises about 1 CE g/L to about 15 CE g/L of flavonoids or about 10 CE mg/g to about 150 CE mg/g of flavonoids.

15. Use according to any one of claims 11-12 wherein the extract comprises from about 10 catechin equivalent (CE) g/L to about 80 CE g/L of polyphenols or from about

100 CE mg/g to about 800 CE mg/g of polyphenols and about 1 CE g/L to about 15 CE g/L of flavonoids or about 10 CE mg/g to about 150 CE mg/g of flavonoids.

16. Use according to any one of claims 11-15 wherein the extract is in a concentration of 0.1 to 2.0% v/v.

17. Use according to any one of claims 11-16 wherein the extract is in a concentration of 0.1 to 1.0% v/v.

18. Use according to any one of claims 11-17 wherein the extract is in a concentration of 0.1 to 0.6% v/v.

19. Use according to any one of claims 11-18 wherein the extract is in a concentration of 0.3 to 0.6% v/v.

20. Use according to any one of claims 11-19 wherein the prawn species is selected from *Penaeus monodon, Penaeus (Litopenaeus) vannamei* and *Penaeus (Litopenaeus) stylirostris.*

21. A method of inhibiting or inactivating Enterocytozoon hepatopenaei (EHP) in prawns or shrimp comprising administering to the prawns or shrimp via its aquatic environment an effective amount of a composition comprising from about 0.00001 wt% to about 100 wt % of an extract derived from sugar cane, the extract comprising from about 10 catechin equivalent (CE) g/L to about 100 CE g/L of polyphenols or from about 100 CE mg/g to about 1000 CE mg/g of polyphenols.

22. A method according to claim 21, wherein the extract comprises from about 10 catechin equivalent (CE) g/L to about 80 CE g/L of polyphenols or from about 100 CE mg/g to about 800 CE mg/g of polyphenols.

23. A method according to 21 or 22, wherein the extract comprises from about 10 CE g/L to about 50 CE g/L of polyphenols or from about 100 CE mg/g to about 500 CE mg/g of polyphenols.

24. A method according to any one of claims 21-23 wherein the extract comprises about 1 CE g/L to about 15 CE g/L of flavonoids or about 10 CE mg/g to about 150 CE mg/g of flavonoids.

25. A method according to any one of claims 21-22 wherein the extract comprises from about 10 catechin equivalent (CE) g/L to about 80 CE g/L of polyphenols or from about 100 CE mg/g to about 800 CE mg/g of polyphenols and about 1 CE g/L to about 15 CE g/L of flavonoids or about 10 CE mg/g to about 150 CE mg/g of flavonoids.

26. A method according to any one of claims 21-25 wherein the extract is in a concentration of 0.1 to 2.0% v/v.

27. A method according to any one of claims 21-25 wherein the extract is in a concentration of 0.1 to 1.0% v/v.

28. A method according to any one of claims 21-25 wherein the extract is in a concentration of 0.1 to 0.6% v/v.

29. A method s according to any one of claims 21-25 wherein the extract is in a concentration of 0.3 to 0.6% v/v.

30. A method according to any one of claims 21-29 wherein the prawn species is selected from *Penaeus monodon*, *Penaeus (Litopenaeus) vannamei* and *Penaeus (Litopenaeus) stylirostris.*