



# Credence for Poultry

The animal safe and effective water sanitiser and disinfectant.

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BIOSECURITY MATTERS

Chicken farm water supply – average of two large commercial houses:

Pathogen	Pre-Treatment CFU/L	Post-Treatment (35 min after treatment) CFU/L
<i>Aerobic mesophilic bacteria</i>	378,500	0
Coliforms (eg. <i>E. coli</i> )	149	0
<i>Aeromonas hydrophila</i>	Yes	No
<i>Citrobacter freundii</i>	Yes	No

*Citrobacter freundii* is found in soil, water, sewage and food. It causes a wide variety of opportunistic infections of the respiratory tract, urinary tract, blood and intestinal disorders, as well as causing brain abscesses and meningitis. It cannot be eradicated, as it plays an important role in the nitrogen cycle in soil, providing nutrients for plant growth.

*Aeromonas hydrophila* can survive in many environments, as it can live in aerobic or anaerobic conditions (with or without oxygen). It is a particular problem in warmer climates, and is resistant to common antibiotics, making infections difficult to treat. It causes gastroenteritis in mammals, especially in younger animals or small children, with symptoms similar to cholera (bloody diarrhoea). It is a major pathogen in all classes of animals, including fish and reptiles. It is also a causative agent of necrotising fasciitis, a disease of great modern significance affecting wounds or organs, and a major concern in hospitals due to its resistance to antibiotics.



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