

Pool Water Quality Standards NZS5826:2010

Public Swimming Pools and Public Spa Pools- Microbiological Criteria

Test	Level
Heterotrophic Plate Count	Less than 200 per ml
Faecal Coliforms	Less than 1 per 100ml
Staphylococcus aureus	Less than 100 per 100ml
Pseudomonas aeruginosa	Less than 10 per 100ml

**Glossary**

**Heterotrophic Plate Count**

A measure of live bacteria that are present in a water sample and may indicate presence of other micro-organisms.

**Faecal Coliform**

A subset of coliform bacteria. They are natural inhabitants of the gastrointestinal tract (gut) of warm-blooded animals, and are excreted in large numbers with the faecal wastes. Faecal coliform bacteria are used to indicate that faecal contamination has properly occurred. Their presence in pool water indicates poor water treatment and the possible presence of disease causing bacteria.

**Staphylococcus aureus**

A bacterial species often associated with eye, ear, nose, throat and skin infections. It can survive in poorly treated water.

**Pseudomona aeuginosa**

A type of bacteria that can grow in poorly treated pool water often associated with spa pool infections, particularly of the skin.