

Temperature

Optimal temperature for bacterial growth is 35°C to 40°C. Most organisms will die at high temperature and become less active in low temperature.

Factors affecting growth of microorganisms

Surrounding pH

Most microorganisms grow well in neutral pH environment. Most of them will die in extreme acidic or alkaline environment,

Moisture

Microorganisms need water to survival. In dry condition, most microorganisms will die. Some will produce spores.

Temperature

Microorganisms except viruses, need nutrients. They either make their own food or get from their hosts.

Light

Microorganisms with chlorophyll needs light. The rest prefer darker environment.