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# Chlorella

Immediately on receipt of your culture loosen the cap and place the culture in indirect sunlight.

Chlorella are free living, single celled, non-motile green algae which can live in a commensal relationship within tissues or cells of invertebrates, (eg. protozoa, hydra). Chlorella are often found in fouled or untended aquariums, and frequently seen in mixed algae cultures derived from pond water. The organism has been extensively studied in connection with photosynthesis, and for its potential as a food source.

Fresh water sponges are invariably green because of Chlorella. The size, shape and number of pyrenoids are used to differentiate species, and there is a thin cup-shaped or platelike chloroplast within every cell.

## **CULTURE MEDIUM**

Chlorella can be cultured in a variety of solutions: soil extract solution, Knop's solution, or Southern Biological Chlorella Culture Medium. Cultures are best maintained in good sunlight at 20-22°C.

Catalogue Code: L1.20

### **Supporting Products for Chlorella cultures:**

#### **Culture Medium**

Code; CM 3 Chlorella Culture  
Medium

#### **Books**

Code; BK 6.21 Culturing Algae

Code; BK 31.59 Freshwater Algae  
of Australia

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