



STEPS

OBJECTIVE: store cysts to maintain hatching quality

1

LOW WATER CONTENT

Low cyst water content (<10 %)

⚠️ Avoid exposure to high humidity

2

AIRTIGHT and DRY PACKAGING

Keep cysts in sealed containers

Vacuum-packed or tightly closed

Do no open commercial packages until use

Minimize exposure to air and humidity

3

LOW TEMPERATURE

Store in cold conditions (<5 °C)

E.g. refrigerator at 4 °C

⚠️ For long-term storage: freeze at -18 °C (only dry cysts)

Avoid temperature fluctuations

4

DARK ENVIRONMENT

Store in dark and dry conditions

5

ACCLIMATIZATION

Allow the cysts to acclimate to 20–30 °C, depending on the species/strain:

⚠️ For cysts stored in the refrigerator: up to 24 hours

⚠️ For cysts stored in freezer: up to 1 week

MATERIALS NEEDED:

 Artemia cysts

 Air-tight bag

OR

 Container

 Thermometer

 Refrigerator

OR

 Freezer



ATTENTION!

Cold cysts should acclimatize.

Opening cold containers leads to condensation on the cysts and loss of hatching quality!

Avoid storage conditions with high humidity, high temperature and light.

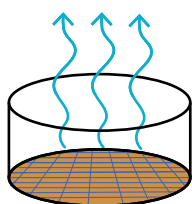
Cysts should be dry before freezing them. Hydrated cysts will be damaged.

Store dry and cold. Humid and hot environments lead to microbial contamination.

STEPS

OBJECTIVE: store cysts to maintain hatching quality

1 LOW WATER

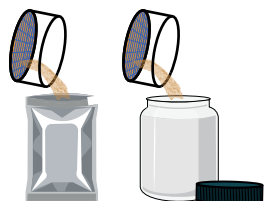


Low cyst water content (<10 %)



Avoid exposure to high humidity

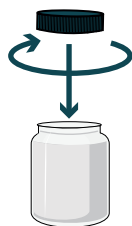
2 AIRTIGHT and DRY PACKAGING



Keep cysts in sealed containers



Vacuum-packed or tightly closed



Minimize exposure to air and humidity



3 LOW TEMPERATURE



4 °C

Store in cold conditions (<5 °C)



-18 °C



For long-term storage: freeze at -18 °C (only dry cysts)

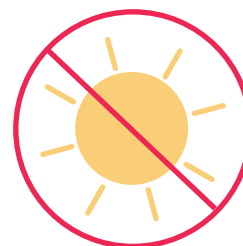


Brined cysts can be stored <0 °C

4 DARK ENVIRONMENT



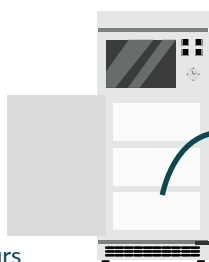
Store in dark and dry conditions



5 ACCLIMATIZATION



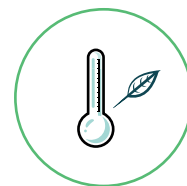
Up to 24 hours



Up to 1 week



Allow cold containers and cysts to acclimate to 20–30 °C



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