

Receiving vaccine

| | | | |
|------------------------------------|------------|---|--|
| Date received | | Vaccine type | |
| Time in transport | | Batch no. | |
| Delivery method | | Expiry date | |
| Prescription/order No. | | No. Units received | |
| Freeze indicator / temperature log | Number | OK <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| | Comment => | | |

Assessing phase separation

Vaccine units can be inspected lying down for example in the fridge. Avoid shaking the vaccine before assessing if there is a water phase in the bottom of the bag.

If there is a brownish watery layer in the bottom of the bag (picture 3 and 4, -water phase), there is a phase separation (which can indicate a broken emulsion), and the vaccine should **not** be used. Clear oil on the top without or prior to shake-up is normal and is okay (picture 1 and 2). If in doubt, please contact PHARMAQ, your distributor or your fish health services immediately.

If receiving the vaccine just prior to use, one assessment of phase separation should be done.

1. Check-up on receipt:

Take out 10 % of the bags, but no more than 10 bags. Check thoroughly if there is separation or change of colour in the bottom of the bag.

2. Main check 2 - 3 days before start-up:

As Pt 1. NB! The vaccine needs to be shaken well just prior to use, and the oil fraction on the top will then be mixed into the emulsion (Picture 1).



Picture 1
Homogenous vaccine
-ready for use



Picture 2
Oil on top during storage
is normal



Picture 3
Broken emulsion
-do not use



Picture 4
Broken emulsion
-do not use

| | | | |
|--|--|---|------------|
| Number of bags checked upon receipt | | OK <input type="checkbox"/> Yes <input type="checkbox"/> No | Date/Sign. |
| Number of bags checked just prior to use | | OK <input type="checkbox"/> Yes <input type="checkbox"/> No | Date/Sign. |

Comments

If there are deviations re: number of bags or type of vaccine shipped; freeze indicator/ temperature log, or if there is phase separation suspected by the method described above, please notify Supervisor/ Fish Health Personnel. The vaccine should be quarantined in a cooler and should not be used before deviations have been assessed and decided upon.

If the vaccine is OK, store in cooler at temperature 2 - 8°C until just prior to use.

When storing in fridge, please allow proper air circulation around the bags, and ensure that they are not in direct contact with the cooling element in the fridge.