

FULL PROTOCOL OF USE for a controlled temperature of -70° C

1) Storage before use

- BOXES

In a dry and closed place, on a pallet or any suitable storage medium.

Temperature : 10C ° - 20C °

- DRY ICE

Preferably use dry ice delivered the same day.

If the dry ice was delivered on the days preceding the preparation of the box, it must be stored in a specific place for dry ice. The duration of the maintenance of the temperature in the box will therefore depend directly on the quality of the dry ice at the time of the preparation of the box.

Dry ice should be kept at a temperature of -80 ° C and used as quickly as possible.

Type of dry ice : our tests were carried out with 16 mm granules.

NB: the user must respect the storage and handling rules on the dry ice MSDS delivered by the supplier.

2) Preparation of boxes

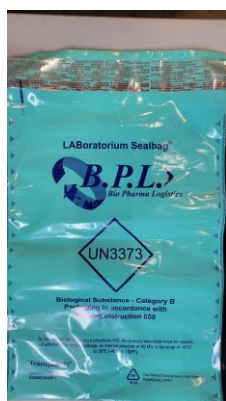
Quantity of dry ice for the chosen configuration

13L : 10 kg

35L : 25 kg

61L : 40 kg (this is not the maximum amount of dry ice possible, during our tests, there was 10 cm of free space above the dry ice)

The boxes are equipped with 2 cardboard slats to be fixed in the grooves. In each slat you can fix a bag provided for this purpose in which you can place your sample boxes (see photos below).



Placement of dry ice

- 1) Fill the bottom of the box with 3 to 4 cm of dry ice
- 2) Fill the space around the bags with 3 to 4 cm of dry ice (do not hesitate to move the bags to achieve this)
- 3) Fill the space around the bags with dry ice (do not leave empty space)
- 4) Fill the space above the bags without overflowing the space provided (maximum height: do not exceed the height of the cork sides)

3) Instructions for transporting boxes

Never place the boxes directly on frozen or hot ground, but on a suitable Euro-pallet type support.

N.B. : ditto for transport by truck, avoid placing them directly on the floor or against the sides of the truck.

4) Order of preparation

The order is as follows (ex : 35L box model)

- 1) Fill the bottom of the box with 3 to 4 cm of dry ice



- 2) Fix the bags in the carton fixing slate and after place the bags on top of the dry ice by sliding fixing slate carton in the grooves



- 3) Fill the space around the bags with 3 to 4 cm of dry ice (do not hesitate to move the bags to achieve this)



4) Fill the space above the bags without overflowing of the space provided (maximum height: do not exceed the height of the cork sides)

example: 35L box



example : 61L box
(with 10 cm space available above)



5) Place the closing cover



6) Close the box using the closure provided

