



Standard Operating Procedure

DEEP FREEZER

Make/Model:

Location:

SOP Number:

Prepared date:

Review date:

PURPOSE:

Deep freezer is used to preserve thermo-labile chemicals and reagents. It is also useful to freeze certain substances/preparations during many pharmaceutical processes.

PROCEDURE:

1. Plug in the deep freezer
2. Switch on the mains. The green lamp lights up. The red lamp lights up whenever the compressor is on.
3. Adjust the thermostat knob to maintain the desired temperature minimum, middle and maximum.

CLEANING OF THE DEEP FREEZER

- Thin frost shall be removed with a brush and a plastic scraper.
- Switch 'off' the freezer and disconnect from the power supply to remove the heavy ice deposit.
- Clean the inside chamber of the freezer with warm water.

SHUTTING-DOWN PROCEDURE

- Switch off the main.
- Disconnect all cables when the equipment is not in use.

TEMPERATURE RANGE: 10° C to – 25° C

TEMPERATURE MONITORING

- Monitor the temperature of deep freezer twice in a day in morning and evening.
- Take the temperature reading from digital temperature display.
- Whenever there is a problem with digital temperature display, note the reading from the thermometer.



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