



Agilent Technologies

Infinitely better.
Best system – for any application and budget.

Infinitely better.
Future proof – compatible and upgradeable across entire system.

Infinitely better.
Most powerful.

HPLC
Make: Agilent 1200 HP
Comp. No. 14,731 L
Year of Purchase: 2011
Gravel, ICMB

Standard Operating Procedure (SOP)
for
HPLC

STEP 1: Before "ON" the main of the HPLC and System.

STEP 2: Check "Infinitely better" on each module in the order of Detector, Thermo column compartment, Autosampler Injection and Quaternary pump.

STEP 3: Disinfectant of green fluid in module confirms the installation process.

STEP 4: Place appropriate HPLC grade solvents required for purification under reasonable pump.

STEP 5: Fit the relevant column required for "Infinitely better" to the column path.

STEP 6: Further operation has to be carried out through Agilent HPLC Online software.

STEP 7: Check on "ONLINE" icon and select an option "Load from the instrument" for previous method or "New method from the instrument".

STEP 8: This main page appears consisting of four dialogue boxes: Sample, Quaternary pump, column compartment and VWD.

STEP 9: RUNNING

- Check the sample value by reading normally the flow sensor in the Quaternary pump module.
- Give a right click on the "Quaternary pump module" and select "Method" to set the following parameter:



CO₂ Incubator
 Model: Thermo Scientific
 Conf. No. 135
 Year of Purchase: 2011
 Serial: 1102 CPE

100072
 Year of Purchase: 2011
 Serial: 1102 CPE



Thermo SCIENTIFIC

Standard operating procedure (SOP)
 for
Thermo scientific steri cycle
CO₂-incubator Model 370 Series

May 11: This incubator should be properly installed and connected to power, the humidity pan filled, and/or gas connected to gas supplies. A warning and error can be resolved. The following are steps to be followed to set up.

Temperature and CO₂: To set up the incubator, press the right key until the set indicator lights. Press the right key until the set indicator lights are on. The set indicator lights are on the incubator.

To adjust the incubator before being used:

1. Press the right key until the set indicator lights.
2. Press the right key until "Temp 37.0" is displayed in the incubator window.
3. Press the up/down arrow key until the desired temperature is displayed in the incubator.
4. Press the right key until the set indicator lights are on.
5. Press the right key until the CO₂ indicator lights are on.
6. Press the right key until the CO₂ indicator lights are on.

To adjust the CO₂ indicator:

1. Press the right key until the set indicator lights.
2. Press the right key until "CO₂ 5.0" is displayed in the incubator window.
3. Press the up/down arrow key until the desired CO₂ indicator is displayed.
4. Press the right key until the set indicator lights are on.
5. Press the right key until the CO₂ indicator lights are on.
6. Press the right key until the CO₂ indicator lights are on.

STERI-CYCLE

Standard Operating Procedure (SOP)
For
Freeze Dryer
Date: 10/10/2024

1. Objective
2. Scope
3. Responsibility
4. Procedure
5. Safety
6. Maintenance
7. Troubleshooting
8. Record Keeping
9. Revision



Freeze Dryer
Model: Tepec VSD300
Serial No: 2024
Date of Purchase: 2024
Serial: 12345678





Fluorescence Spectrophotometer

Make: Hitachi F4600
Cost: Rs. 1.0 L
Year of Purchase: 2011
Grant: UGC

**Standard Operating Procedure (SOP)
for
Hitachi F4600 Fluorescence
Spectrophotometer**

1. Turn on the instrument
 - a. Turn on the Power rocker switch at the lower left front of the instrument.
 - b. The green Run LED should flash briefly.
2. Wait 1 minute and turn on the computer
 - a. Launch FL Solutions from the icon on the desktop.
 - b. The instrument will make a grinding noise as the Monochromator initializes. The green Run LED should turn on and remain on.
3. Click the Method button on the right hand side of the screen.
 - a. Click the General tab. Select the type of Measurement you wish to make.
 - b. Click the Instrument tab. Select the Scan Mode. Choices will depend on the Measurement type selected in (a).

HITACHI

PLN

Ex Lamp

F-4600
Fluorescence Spectrophotometer