Labconco Freeze Dryer Protocol

Samples must be completely frozen.

Acids should not be used.

This system is not for samples with ethanol or methanol.

The maximum load is 3 L.

The sample’s eutectic point should be above -60 °C (No organic solvents except Acetonitrile).

I. Start-up (Not required until the system is off)
   1. Go to the touchscreen
   2. Press Auto, then select Start
   3. When the temperature and vacuum turn green, the instrument is ready to take samples
II. Adding samples
1. Connect a pre-frozen sample to a sample valve on the drying chamber using an adapter
2. Turn the plastic valve knob to “VACUUM” position to open the valve. The bevel on the
   knob should be positioned toward the sample port
3. Before adding another sample, allow system vacuum to return to 0.133 mbar (the color
   turns to green).

III. Remove samples
1. When a sample is dried, turn the plastic knob on the valve to the “VENT” position and
   remove the container.