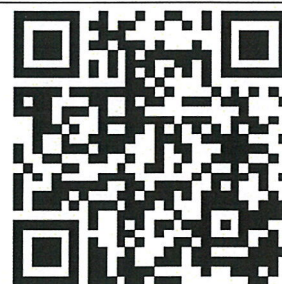




**GAWANDE COLLEGE OF
PHARMACY.**

Sakharkherda, Lavala Road, Tq.
Sindkhed Raja
Dist.Buldhana



Department: **Pharmacognosy**

Name of the instrument: **TRAY DRYER**

S.O.P. No.: GCP/PH/016

Stock Register No.:PG-0018/06

Effective date:28/2/14

Review date:6/3/14

Procedure:

1. Ensure the mains of the equipment are off.
2. Check for cleanliness of the tray dryer.
3. Load about 2-3 kg of material on each tray.
4. Place the loaded tray in the Tray chamber, loading from top rack to bottom rack.
5. After loading is completed, close the chamber door and ensure that it is closed.
6. Open the exhaust air flaps fully.
7. Switch on the mains.
8. Set drying temperature by coarse setting knob and the fine setting knob.
9. Start the blower.
10. Adjust to required time. Put on digital timer switch. Switch on the alarm knob.
11. Place the status label on the chamber door identifying the name, batch no. of product being dried and record start up time on the batch record.
12. When the required temperature is achieved, note down the time of batch records.
13. Check LOD of material using IR balance after specified interval as per BMR.
14. At the end of required drying cycle time, bring down the set temperature to zero by coarse and fine knob. Keep the blowers on. Open the exhaust full so that cooling of product is faster.
15. When temperature has fallen down to approximately 50°C, close the exhaust flap and open the door of the driver.