**Standard Operation Procedure for**

**Hot Air Oven**

**Purpose:**

Limitation

1. Maximum temperature can be reached is

Procedure

1. Make sure MAINS and FAN switch of the Hot Air Oven is off
2. Put the sample inside the chamber and close properly
3. Switch on the power supply, then switch on the MAINS and FAN switch of the device
4. After switching ON both the LINE and HEATING indicator will glow
5. To set the temperature, pressing the SET button, use UP ARROW or DOWN ARROW to increase or decrease the temperature
6. If the set temperature is higher than the actual temperature, the heater PID will periodically switch ON and OFF the heater until it achieves the set temperature, if the set temperature is lower than the actual temperature then only the LINE indicator will glow, else both LINE and HEATING indicator will glow
7. After reaching the set temperature, bring down the temperature of the chamber to room temperature
8. Don’t open the chamber until it reached to the room temperature
9. Switch of the power supply