



PHARMA DEVILS

MICROBIOLOGY DEPARTMENT

STANDARD OPERATING PROCEDURE

Department: Microbiology	SOP No.:
Title: Operation of Vortex Saker	Effective Date:
Supersedes: Nil	Review Date:
Issue Date:	Page No.:

PURPOSE:

The purpose of this SOP is to lay down a procedure for the Operation of Vortex Shaker.

SCOPE:

This SOP is applicable to the Vortex mixer used in Microbiology laboratory.

RESPONSIBILITY:

Officer/Executive - Quality Control.

ACCOUNTABILITY:

Head –QC department.

PROCEDURE:

1.0 Applications of the Vortex Shaker

- 1.1 For the vortexing of the peptone water during the bioburden burden checking of primary packing materials.
- 1.2 For the vortexing of the culture suspension for the uniform distribution of the microbial cells.

2.0 Operation of Vortex Shaker

- 2.1 Vortex Shaker shall be placed on a smooth vibration free surface.
- 2.2 The instrument shall be connected to the power supply.
- 2.3 The “ON” switch shall be switched for the power supply to the instrument.
- 2.4 The test tube/vial shall be placed in the neoprene rubber cap for vortexing the samples for required time period.
- 2.5 The speed regulator shall be turned clockwise to increase the speed of the motor and turned anti-clockwise to decrease the speed of the motor.
- 2.6 The frequency of the operation shall be whenever it is required.

ANNEXURE(S):

NIL.

REFERENCES:

NIL.