


STANDARD OPERATING PROCEDURE OF SIEVE SHAKER

 <p>B.L.D.E.A'S SSM COLLEGE OF PHARMACY AND RESEARCH CENTRE,VIJAYAPUR-586 103</p>	DEPT: PHARMACEUTICS	SOP NO:
	AREA: PHARMACEUTICS LABORATORY	PAGE NO: 1 - 2
	SUBJECT: SOP OF SIEVE SHAKER	EFFECTIVE DATE: 25/02/2022
		REVIEW PERIOD: 25/02/2023

Purpose:

To provide a procedure for the operating of Sieve shaker

Scope:

Applicable to operation of Sieve shaker

References:

Equipment Manual

Safety Issues and Precautions:

- Wore Head cap, Mask, Hand gloves and other safety requirements during the performance of stated activity
- Please make the entry of Usage with require details in the Equipment log book
- Handle the Instrument properly with care

Procedure:

- 1) Select the sieves with mesh sizes that are to be used and stack them together beginning with a pan at the bottom.
- 2) Then the finest sieve followed by increasing coarser sieves with the coarsest on top.
- 3) Place stack of sieves in the shaker with the bottom pan resting on the cradle platform.
- 4) Cover the top sieve so that the stack can be easily secured in the shaker.

- 5) Secure the stack with the sieve hold-down bar on the top of the stack and screw the nuts on the vertical support rods firmly against the holder.
- 6) Adjust and tighten the nuts at the top of the vertical support rods according to the weight of the material in the sieves.
- 7) The greater the weight of the load, the tighter the nuts should be.
- 8) Start the motor and observe the initial sieving action to see if the sieves are fastened securely, readjust and tighten the nuts if necessary.
- 9) Set the built-in timer for the desired shake time and turn the machine on.
- 10) The machine will stop when the timer has expired

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