


STANDARD OPERATING PROCEDURE FOR DISSOLUTION TEST APPARATUS

 <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 DISSOLUTION TEST APPARATUS	EFFECTIVE DATE: 21/08/2022
		REVIEW PERIOD: 21/02/2023

Purpose:

To provide a procedure for the operating of Dissolution test apparatus

Scope:

Applicable to operation of Dissolution test apparatus

References:

Instrument 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 Instrument log book

Handle the Instrument properly with care

Procedure:

- 1) Ensure that the instrument is clean & free from dust.
- 2) Switch on the power switch & heater switch provided on the rear right hand side.
When the power is switched on the following things are displayed.
- 3) Then the system gives the long beep.
- 4) Set the corresponding sampling time interval & rpm. The bath LED is illuminated & Check the temp.
- 5) List the stirrer unit using up key on the front panel.

- 6) Put the jars, filled with the medium in the tank.
- 7) Fix paddle (screw) on the spindle carefully & tighten it to using the key provided.
- 8) Bring the stirrer unit down using DOWN key.
- 9) Set all the parameters RPM & temperature as directed for the test.
- 10) Start the stirrer by using the START/STOP key.
- 11) Once the set temperature is reached to READY OR LED on & leave the tablets in the test jars or baskets as desired.
- 12) Start the test using START or STOP or TEST key.
- 13) Carry out the analytical procedure as per the specification & calculate the results.
- 14) Switch off the instrument after the use.

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