

 <p><b>BLDEA'S Shri Sanganabasava Mahaswamiji College of Pharmacy &amp; Research Centre Vijayapur 586103</b></p>	<b>DEPT:</b> PHARMACEUTICAL CHEMISTRY	<b>SOP NO.:</b> BCP/PC/SOP/007
	<b>INSTRUMENT:</b> DIGITAL BALANCE	<b>PAGE NO.:</b> 01-02
	<b>MAKE:</b> Wensar <b>MODEL:</b> 66205 IND / 09/ 03/467 <b>PROCURED ON:</b> 13-02-2019	<b>EFFECTIVE DATE:</b> 01/01/2022
	<b>SUBJECT:</b> <b>SOP FOR DIGITAL BALANCE</b>	<b>REVIEW PERIOD:</b> 31/12/2022

**Objective:**

The following document describes the standard operating procedure for Digital Balance.

**Scope:**

Digital Balance is used for weighing of the sample with accuracy.

**Procedure:**

- Plug in to ensure the power supply.
- Switch **ON** the main power supply and instrument mains.
- Make sure the weighing pan is free of particles.
- Ensure that the initial weight that is displaying is **ZERO**.
- Place the weighing vessel, weigh boat, or weighing paper on the balance pan.
- Press on the **TARE** button so the display reads **ZERO**.
- Using a spatula or sampling tool, transfer the substance being measured into the weighing vessel placed on the balance pan.
- Record the mass of the object as displayed.
- Do not exceed the limit of precision of the instrument. This is a major reason for error in measurement.
- After use **SWITCH OFF** the balance.

## Precautions:

- Make sure you leave the pan and inside of the balance free of particles. Brush to clean as describe above.
- Zero the balance.

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