

 <p>BLDEA'S Shri Sanganabasava Mahaswamiji College of Pharmacy & Research Centre Vijayapur 586103</p>	DEPT: PHARMACEUTICAL CHEMISTRY	SOP NO.: BCP/PC/SOP/001
	INSTRUMENT: WATER BATH	PAGE NO.: 01
	MAKE: Bio Techno Lab MODEL: BTL-7123 PROCURED ON: 27-03-2006	EFFECTIVE DATE: 01/01/2022
	SUBJECT: SOP FOR WATER BATH	REVIEW PERIOD: 31/12/2022

Objective:

The following document describes the standard operating procedure for Water Bath.

Scope:

Water bath is used for heating the reaction mixture and attain temperature up to 100 °C.

Procedure:

1. Fill the water bath with water.
2. Ensure that the level of water remains above the heating coil.
3. Plug in to ensure the power supply.
4. Switch **ON** the main power supply and instrument mains.
5. For setting the temperature, rotate the knob to the required temperature.
6. The temperature sensor will maintain the set temp during use of water bath.
7. After using, switch **OFF** the instrument mains & main power supply.

Precaution:

- **DO NOT** add too much water, so as to prevent overflow of water during boiling.
- Drain away water from time-to-time so as to prevent rusting of heating coil.

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