



STANDARD OPERATING PROCEDURE

Department: Quality Control	SOP No.:
Title: Operation of Ultra Sonic Water Bath	Effective Date:
Supersedes: Nil	Review Date:
Issue Date:	Page No.:

1.0 OBJECTIVE:

To lay down a procedure for Operation of Ultra sonic water bath.

2.0 SCOPE:

This SOP is applicable for operation of Ultra sonic water bath in the Quality Control Department.

3.0 RESPONSIBILITY:

Officer, Executive – Quality Control Department
Head – Quality Control Department

4.0 DEFINITION(S):

NA

5.0 PROCEDURE:

Make: Branson, Model: 5510

5.1 Operation:

- 5.1.1 Ensure that instrument is clean and free from dust.
- 5.1.2 Switch “ON” the mains and add water to the tank up to nearly 2 inch height.
- 5.1.3 Switch on the instrument and keep the beaker/flask containing sample in the ultra sonic bath
- 5.1.4 After completion of work switch off the instrument.

5.2 Precaution

- 5.2.1 Do not overload the tank with too many samples.
- 5.2.2 Cleaning should be done with water frequently.
- 5.2.3 Do not put hand or finger in the bath when sonication is on.

6.0 ABBREVIATION (S):

QCD - Quality Control Department
SOP - Standard Operating Procedure



PHARMA DEVILS
QUALITY CONTROL DEPARTMENT

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7.0 REFERENCE(S):

NA

8.0 ANNEXURE (S):

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9.0 REVISION CARD

S.No.	REVISION No.	REVISION DATE	DETAILS OF REVISION	REASON (S) FOR REVISION