



STANDARD OPERATING PROCEDURE

Department: Microbiology	SOP No.:
Title: Cleaning of Glassware Apparatus	Effective Date:
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1.0 OBJECTIVE:

To lay down a procedure for Cleaning of Glassware / Apparatus.

2.0 SCOPE:

This procedure elaborates the methods of washing of glassware / apparatus in Microbiology laboratory.

3.0 RESPONSIBILITY:

Microbiologist - Quality Control

Head – Quality Control

4.0 PROCEDURE:

4.1 Routine washing of glassware/apparatus (comes in contact with culture media) :

4.1.1 After Sterilization of glassware as per reference SOP drains the media after sterilization in wash basin and flush with plenty of water.

4.1.2 Remove all markings / sticker label from the glassware / apparatus.

4.1.3 Dip them in 2% Savlon solution for 1 hour.

4.1.4 Wash all glassware/apparatus thoroughly with potable water and finally with purified water.

4.1.5 Dry the glassware/apparatus in hot air oven around 60⁰C.

4.2 Washing of used pipettes:

4.2.1 Discard the used pipettes into a tray / container containing 2.0 % v/v Savlon and keep it for one hour.

4.2.2 Wash thoroughly with 0.1 % Teepol solution.

4.2.3 Rinse thoroughly with potable water and then with purified water. Dry the pipettes at around 60⁰C.

4.3 Washing of used petri-plates:

4.3.1 Remove the solid media from plates in autoclavable disposable polybag and autoclave as per reference SOP.



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4.3.2 Allow the temperature to cool to 90°C and take out the polybag from autoclave send to the ETP.

4.3.3 Soak the empty petriplates for 1 hour in 2.0% Savlon solutions.

4.3.4 Wash thoroughly with 0.1 % Teepol solution and rinse with potable water. Finally rinse with purified water.

4.3.5 Dry the glass wares at around 60°C.

4.4 Washing of used test tubes:

4.4.1 Sterilize the test tubes in the autoclave.

4.4.2 Drain the contents of the tubes into the sink under running tap water after sterilization.

4.4.3 Soak the Test tubes in 2.0 % v/v Savlon solution for one hour.

4.4.4 Wash thoroughly with 0.1 % Teepol solution and rinse with potable water. Finally rinse with purified water.

4.4.5 Dry the test tubes at around 60°C.

5.0 ANNEXURE (S):

Nil

6.0 REFERENCE (S):

SOP: Disposal of microbial culture media and cleaning of glassware used for culture media.

7.0 ABBREVIATION (S) / DEFINATION (S) :

Nil