



PHARMA DEVILS

MICROBIOLOGY DEPARTMENT

STANDARD OPERATING PROCEDURE

Department: Microbiology

SOP No.:

Title: Procedure for Operation and Cleaning of Anaerobic Chamber

Effective Date:

Supersedes: Nil

Review Date:

Issue Date:

Page No.:

1.0 OBJECTIVE:

To lay down a Procedure for Operation and Cleaning of Anaerobic Chamber.

2.0 SCOPE:

This SOP is applicable for Operation and Cleaning of Anaerobic Chamber (**Make:** Hi-Media Laboratories Pvt. Ltd), in Microbiology Section of Quality Control Laboratory.

3.0 RESPONSIBILITY:

Officer / Executive - Microbiologist

4.0 ACCOUNTABILITY:

Head – QC

5.0 PROCEDURE:

5.1 Open the lid of Anaerobic System.

5.2 Clean the outer and inner surface of Anaerobic Jar with 70% v/v IPA.

5.3 Place the inoculated media Petriplates in the SS plate carrier or Test tubes in the tube carrier.

5.4 Cut and open Anaerobic Indicator Tablet sachet and remove one tablet pack.

5.5 Insert the tablet pack into the upper clip on the plate carrier or tube carrier immediately.

5.6 Lower the plate carrier or tube carrier into the Polycarbonate base.

5.7 Take the Anaerobic Gas Pack and cut off the top of Pack.

5.8 Remove sachet and place it in the lower clip of plate carrier or tube carrier.

5.9 Place the lid on the base making sure that the O-ring is correctly in place (evenly pressed against the flange as a secure fit).

5.10 Apply the beam clamp. Screw down the knurled wheel until tight.

5.11 Place the Anaerobic System into the desired incubator.

5.12 The Anaerobic Indicator Tablet shall remain pink in the jar indicating anaerobiosis. Any kind of leakage leading to anaerobic condition shall turn the colour of tablet to purple.

5.13 After incubation the Anaerobic Indicator Tablet shall be discarded with the normal microbiology litter. The exhausted Anaerobic Gas Pack should be removed without spilling the content and discarded carefully.



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5.14 Record the Operation of Anaerobic Chamber details as per Format, Titled “**Operation Log Book**” in SOP titled “**Procedure for Operation and Calibration of Heating Block**”.

6.0 REFERENCES:

Instruction Manual

7.0 ANNEXURES:

Not Applicable

ENCLOSURES: SOP Training Record

8.0 DISTRIBUTION:

- Controlled Copy No. 01 Quality Assurance Department
- Controlled Copy No. 02 Quality Control Department
- Master Copy Quality Assurance Department

9.0 ABBREVIATIONS:

IPA Isopropyl Alcohol
ID No. Identification Number
Ltd. Limited
Pvt. Privet
No. Number
QC Quality Control
SOP Standard Operating Procedure

10.0 REVISION HISTORY:

CHANGE HISTORY LOG

Revision No.	Details of Changes	Reason for Change	Effective Date	Updated By