Technical Data Sheet

ASCA001 Sabouraud Chloramphenicol Agar

For cultivation of Yeasts, Moulds and Aciduric Microorganisms.

Composition	**Ingredients Gms / Litre**
Dextrose	40.000
Mixture of Peptic Digest of Animal Tissue and Pancreatic Digest of Casein (1:1)	5.000
Agar	15.000
Chloramphenicol	0.05

Appearance:

Light amber colour Sterile Sabouraud Chloramphenicol Agar in 90 mm Petri Plates

pH (at 25°C):

5.6 ± 0.2

Principle:

SABOURAUD CHLORAMPHENICOL AGAR is used for the propagation of yeast and molds, particularly the parasitic fungi concerned with skin and scalp lesions. Sabouraud Chloramphenicol Agar was formulated by Scientist "Sabouraud". The medium contains Mycological peptone which provides nitrogen, vitamins, minerals, amino acids and growth factors. Dextrose serves as the energy and carbon source for fungi. Chloramphenicol inhibits a majority of bacterial contaminants. Agar is a solidifying agent. The low pH favors fungal growth and inhibits contaminating bacteria from clinical specimens. For isolation of fungi from contaminated specimens, a selective medium should be inoculated simultaneously.

Quantity of Medium

30ml of medium in 90mm plates

Dose of Gamma irradiation

12 to 17 KGy

Cultural Response

Cultural characteristics observed, for yeast & mold diluted culture incubation for 18-48 hours or up to 7 days if necessary, at 30 ± 2°C for 3 weeks. For fungi point inoculation or undiluted culture, on incubation at 25 - 30°C for up to 5 - 7 days and recovery should be greater than 70%.

Sterility Test:

Passes release criteria.

Shelf Life and Storage Conditions:

Use before expiry date on the label and store below 25°C.

Reference Pharmacopoeia:

IP/USP/EP