

**PRODUCT CODE: 413842**

## **Sabouraud Glucose Agar+Chloramphenicol (Ph. Eur.) (Dehydrated Culture Media) for microbiology**

### **Preparation**

Dissolve 65.05 g in 1 l of purified water and bring to the boil with frequent stirring. Distribute into final containers and sterilise by autoclaving at 121°C for 15 minutes. Do not overheat the medium as its acidic pH may partially hydrolyse the agar. The prepared medium should be stored at 8-15°C.

The colour is amber, slightly opalescent. The dehydrated medium should be homogeneous, free-flowing and beige in colour. If there are any physical changes, discard the medium.

### **Uses**

SABOURAUD DEXTROSE AGAR + CHLORAMPHENICOL is a selective medium that can be used for the cultivation of yeasts, molds and aciduric microorganisms. It is used for cultivating pathogenic *fungi*, particularly those associated with skin infections. This medium is also used for determining the microbial and fungal content of cosmetics and for the mycological evaluation of food.

This culture medium differs from the classical Sabouraud Agar only by the addition of chloramphenicol (50 mg/l). This thermostable antibiotic has a broad antibacterial spectrum which ensures the selective isolation of fungi from Pharmaceutical industry samples, with low bioburden.

### **Composition**

See in Data Sheet (TDS).

## Microbiological Test

The following results were obtained in the performance of the medium from type cultures after incubation at a temperature of 20-25°C and observed after 48 hours - 5 days.

Microorganism	Growth	Remarks
<i>Aspergillus brasiliensis</i> ATCC® 16404	Productivity > 0.70	Growth & black sporulation at 4 days
<i>Saccharomyces cerevisiae</i> ATCC® 9763	Productivity > 0.70	
<i>Candida albicans</i> ATCC® 10231	Productivity > 0.70	
<i>Bacillus subtilis</i> ATCC® 6633	Inhibited	
<i>Escherichia coli</i> ATCC® 8739	Inhibited	

## Storage

Once opened keep powdered medium closed to avoid hydration.

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