# *MM0423* CandiColor® Chromogenic Candida agar

**Use and description:**
This media recommended for isolation and differentation of Cadida spp. It contains chloramphenicol to inhibit wide range of bacteria, and chromogenic MIX for biochemical differentation of Candida.

**Composition per liter:**
Agar.....15.00 g
Peptones .....12.0 g
D-Glucose .....15.7 g
Chromogenic mix.....2.3 g
Chloramphenicol .....0.45 g

**Final pH of the ready to use medium**: 5.5 ± 0.2

**Medium preparation:**
Add 45.45 grams of culture medium to 1 liter of distilled water, and allow to soak for 10 minutes. Swirl to mix, heat up until completly dissolve. Sterilise at 110 °C at 10 minutes. Allow to cool to 47°C, then pour plates.

**Quality specifications:**
Dehydrated medium: homogeneous, clear amber powder.
Ready to use medium: straw, clear to slightly opalescent agar

**Microbiological response after 48 hours incubation at 35-37 °C :**

| **Organism** | **Result** |
|---|---|
| *Candida albicans ATCC 10231* | Emerald, white metallic shine |
| *Candida dublinensis NCPF 3949* | Dark green , matt |
| *Candida glabrata ATCC 1031* | White pinkish ,shiny |
| *Candida krusei ATCC 142403* | Light pink |
| *Candida tropicalis ATCC750* | deep magenta,some strains with small white outer ring |
| *E.coli ATCC 25922* | no growth |

**Storage:**
Dehydrated medium should be stored between 10 to 25°C. Once opened, place the container in a dark, dry place. The dehydrated medium should not be used if there is any lump or the color has changed from the original.