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| OXOID QUALITY ASSURANCE PRODUCT SPECIFICATION                                     |                               |              |
| SABOURAUD DEXTROSE LIQUID MEDIUM (CM0147)                                         |                               |              |

## SABOURAUD DEXTROSE LIQUID MEDIUM

CM0147

### Typical Formula\*

|                                |                 |      |
|--------------------------------|-----------------|------|
| Glucose                        | grams per litre | 20.0 |
| Pancreatic digest of casein    |                 | 5.0  |
| Peptic digest of animal tissue |                 | 5.0  |

\* adjusted as required to meet performance standards

### Directions

Dissolve 30g in 1 litre of water (purified, as required). Mix well and distribute into final containers. Sterilize by autoclaving at 121°C for 15 minutes.

### Physical Characteristics

Light straw, free-flowing powder  
 Colour on reconstitution - straw 2-3  
 Moisture level - less than 7%  
 pH  $5.6 \pm 0.2$  at 25°C  
 Clarity - clear

### Microbiological Tests Using Optimum Inoculum Dilution

Control Medium: Sabouraud Dextrose Agar

### Reactions after incubation at 20-25°C for 2-5 days

Medium is challenged with 10-100 colony-forming units

|                                     |            |                                       |
|-------------------------------------|------------|---------------------------------------|
| <i>Saccharomyces carlsbergensis</i> | ATCC® 2700 | Turbid growth                         |
| <i>Penicillium chrysogenum</i>      | ATCC® 9179 | White mycelia, green spores/no spores |

A satisfactory result is represented by visible growth.

## SABOURAUD DEXTROSE LIQUID MEDIUM (CM0147)

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1. European Pharmacopoeia: Current version.
  - 2.6.12 Microbiological Examination of Non-Sterile Products: Harmonised Method: Microbial Enumeration tests
  - 2.6.13 Microbiological Examination of Non-Sterile Products: Tests for Specified Microorganisms. B. Harmonised Method
2. United States Pharmacopoeia: Current version.
  - 61 Microbiological Examination of Non-Sterile Products: Microbial Enumeration tests.
  - 62 Microbiological Examination of Non-Sterile Products: Tests for Specified Microorganisms
3. Japanese Pharmacopoeia: Current version.

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### Revision History

| Section / Step  | Description of Change                                                             | Reason for Change | Reference  |
|-----------------|-----------------------------------------------------------------------------------|-------------------|------------|
| Entire Document | Reformatting to new template<br>Addition of 'Tested in accordance with' statement | Change control    | BT-CC-1477 |