

# Potato Dextrose Broth

Used for the identification, cultivation and enumeration of yeasts and moulds

## Formula in grams per liter:

Dextrose

20,00 | Potato Infusion (solids)

6,50

Final pH:  $x \pm 5,6$  at 25 °C

## Preparation:

Suspend 26,5 grams of the medium in one liter of distilled water. Boil for one minute and sterilize at 121° C (15 lbs. steam pressure) for 15 minutes.

## Uses:

Potato Dextrose Broth is used for cultivating yeast and moulds, the nutritionally rich base (potato infusion) encourages mould sporulation and pigment production in some demartophytes, but it also encourages luxuriant fungal growth.

## Microbiological Tests:

Microorganisms	Growth
<i>Aspergillus niger</i> ATCC 16404	Satisfactory
<i>Candida albicans</i> ATCC 10231	Satisfactory
<i>Saccharomyces cerevisiae</i> ATCC 9763	Satisfactory

