

LINDEN-GRAIN BROTH

A sterility test medium for the cultivation of environmental micro-organisms, e.g. from beverage bottles.

Dehydrated media	
Code number:	500 g: LGB20500, 5 kg: LGB25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	4,0 – 4,4

Direction: Suspend **29,5 g** in one litre of distilled water and heat gently to dissolve the medium completely. Dispense into final containers and sterilise by autoclaving at 121 °C for 15 minutes.

Prepared media	
Bottled media:	100 ml: LGB30100, 500 ml: LGB30500
Colour:	Yellowish
pH (25 °C):	4,1 – 4,3

Direction: Dispense the bottled media aseptically into sterile final containers.

FORMULA in g/l

Yeast extract	3,5
Peptones	2,0
Glucose	20,0
Ammonium sulphate	2,0
Magnesium sulphate	1,0
Potassium phosphate, monobasic	1,0

Note: The typical formula can be adjusted to obtain optimal performance.

Storage conditions: Store the dehydrated media tightly closed in a dry place at room temperature. Store the bottled media protected from light at room temperature. Use before the expiry date on the label.

Quality control:

Test strains	Incubation temp: 25 °C	Growth	Incubation time: 5 days
<i>Candida albicans</i>	ATCC 10231	Good	
<i>Saccharomyces cerevisiae</i>	ATCC 9763	Good	
<i>Aspergillus brasiliensis</i>	ATCC 16404	Good	
Test strain	Incubation temp: 25 °C	Growth	Incubation time: 48 h
<i>Bacillus cereus</i>	ATCC 11778	Inhibited	

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