

OXOID QUALITY ASSURANCE PRODUCT SPECIFICATION

'LAB-LEMCO' BROTH CM0015

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CM0015

Typical Formula*

'Lab-Lemco' powder	grams per litre	3.0
Peptone		5.0

* adjusted as required to meet performance standards

Directions

Dissolve 8g in 1 litre of distilled water. Mix well and distribute into final containers. Sterilize by autoclaving at 121°C for 15 minutes.

Physical Characteristics

Straw, free-flowing powder
 Colour on reconstitution - straw 1-2
 Moisture level - less than or equal to 7%
 pH 7.4 ± 0.2 at 25°C
 Clarity - clear

Microbiological Tests Using Optimum Inoculum Dilution


Control Media: Tryptone Soya Agar or Columbia Blood Agar Base enriched with 5% horse blood, where appropriate

Reactions after incubation at 37°C for 20-24 hours

Medium is challenged with less than or equal to 100 colony-forming units

<i>Enterococcus faecalis</i>	ATCC®19433	Turbid growth
<i>Escherichia coli</i>	ATCC®25922	Turbid growth
<i>Streptococcus pyogenes</i>	ATCC®19615	Turbid growth
<i>Streptococcus agalactiae</i>	ATCC®13813	Turbid growth
<i>Proteus mirabilis</i>	NCTC10975	Turbid growth
<i>Pseudomonas aeruginosa</i>	ATCC®27853	Turbid growth
<i>Staphylococcus aureus</i>	ATCC®25923	Turbid growth
<i>Bacillus subtilis</i>	ATCC®6633	Suspended growth

A satisfactory result is represented by visible growth.

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Revision History

Section / Step	Description of Change	Reason for Change	Reference
Entire Document/ Microbiological characteristics	Update to new document format and correction of typographical/minor errors. Change to incubation time.	Change control	BT-CC-3052