

OXOID PRODUCT SPECIFICATION

24 LEB

BO1205S

Typical Formula

	grams / litre
Peptone	23.4
Yeast extract	5.0
Lithium chloride	10.0
Ferric ammonium citrate	0.1
Sodium chloride	5.0

Additions

Polymyxin	10.0mg
Quinolone antimicrobials	35.0mg

Preparation

Suspend 24 LEB Base (43.5 grams / litre) in de-ionised water. Sterilise at 121°C for 15 minutes. Cool and aseptically add Polymyxin (10.0 milligrams / litre) and Quinolone antimicrobials (35.0 milligrams / litre) Dispense 225ml into final containers, sterile 250ml, plastic bottle. Label each bottle and pack in units of 10 into labelled boxes.

Format

Ten 250ml plastic bottles with screw cap closures in a box.

Labels

Label gives details of product name, product code, recommended storage temperature, lot number and expiry date.

Physical Characteristics

Physical Tests

pH	7.4 ± 0.2
Colour	Orange / Yellow
Clarity	Clear
Fill weight	225.0g + 4.0 g

Packaging and presentation:

General appearance of bottle and label should be satisfactory. Label data should be correct.

Sterility Test

Macroscopic examination should show no evidence of microbial growth after incubation at 20-24°C and 30-34°C for 5 days.

Microbiological Tests Using Optimum Inoculum Dilution

Incubation at 35-39°C for 24 ± 2 hours

Positive controls

**Subculture to *Brilliance*TM Listeria agar after incubation at 35-39°C for 24 ± 2 hours.
Incubate *Brilliance*TM Listeria agar at 35- 39C for 2 days.**

Inoculum 1-10 colony forming units / ml.

<i>Listeria monocytogenes</i>	ATCC [®] 15315	5 log increase
<i>Listeria monocytogenes</i>	ATCC [®] 13932	5 log increase
<i>Listeria monocytogenes</i>	ATCC [®] 7644	5 log increase
<i>Listeria innocua</i>	ATCC [®] 33090	5 log increase

Negative controls

Inoculum 1,000-10,000 colony forming units.

<i>Enterococcus faecalis</i>	ATCC [®] 29212	Turbid growth / no growth
<i>Bacillus cereus</i>	ATCC [®] 10876	Turbid growth / no growth
<i>Escherichia coli</i>	ATCC [®] 25922	No growth

Storage conditions

Store away from light between 2-10°C.