

OXOID PRODUCT SPECIFICATION

ONE BROTH - SALMONELLA

BO1096S

Typical Formula

	grams per litre
Peptone	5.0
Yeast extract	5.0
Salt mix	10.0
Growth promoter mix	5.0

Addition

Novobiocin	12mg
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Preparation

Suspend ONE Broth - Salmonella base (25.0 grams / litre) in de-ionised water. Sterilise at 121°C for 15 minutes. Cool and aseptically add sterile novobiocin solution (0.5 milligrams / litre). Dispense 225ml into final containers, sterile 250ml, plastic bottles. Label each pot 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	7.0 ± 0.2
Colour	Straw
Clarity	Clear
Fill weight	225.0g + 4.0g

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

Results after incubation at 40 - 44°C for 18 ± 2 hours.

Positive controls

Inoculum 10 -100 colony forming units.

<i>Salmonella typhimurium</i>	ATCC® 14028	Turbid growth
<i>Salmonella enterica</i> SS. <i>Enterica</i>	ATCC® 13076	Turbid growth
<i>Salmonella arizonae</i>	NCTC 8297	Turbid growth

Negative controls

Inoculum 10,000 - 100,000 colony forming units.

<i>Staphylococcus aureus</i>	ATCC® 25923	No growth
<i>Proteus mirabilis</i>	NCTC 10975	No growth – turbid growth

Storage conditions

Store away from the light between 2 – 12°C.