

Distribution: Central File

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**OXOID QUALITY ASSURANCE
PRODUCT SPECIFICATION**

DRY-BAGS™ WITHOUT FILTER BLEB (Buffered Listeria Enrichment Broth) DB0897V

Formula

Tryptone Soya Broth	grams per litre	30.0
Yeast extract		6.0
Potassium di-hydrogen orthophosphate		1.35
Di-sodium hydrogen orthophosphate		9.60
Nalidixic acid		40.0 mg
Cycloheximide (actidione)		50.0 mg
Acriflavine hydrochloride		15.0 mg

Description

Bag containing Buffered Listeria Enrichment Broth Base (CM0897 + Selective Agents) sufficient for 20 litres of medium. Complete unit irradiated at 25-40 kGy.

Directions

Refer to product insert.

Format

Five, 20 litre Dry-Bags with connection ports, in a box.

Label

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

Storage Conditions

Store away from light at 10°C-30°C.

Physical Characteristics

Straw, free flowing powder

Colour on reconstitution - yellow

pH 7.3 ± 0.2 at 25°C

Clarity - clear (small black particles and a white precipitate may be present in some bags - this does not affect the microbiological performance of the medium).

Fill weight - $940g \pm 5.0g$

Packaging and Presentation

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

Sterility Test

100ml of the test medium is aseptically added to 900ml of TSB and incubated at 20-25°C. Macroscopic examination should show no growth after 5 days.

100ml of the test medium is aseptically added to 900ml of Thioglycollate Medium and incubated at 30-35°C. Macroscopic examination should show no growth after 5 days.

Microbiological Tests Using Optimum Inoculum Dilution

Control Media: Listeria Oxford Medium or Columbia Blood Agar Base enriched with 5% v/v horse blood, where appropriate.

Reactions after incubation at 30°C for 24 hours

Tested with the addition of Listeria Selective Enrichment Supplement SR0141

Incubate broths at 30°C for 24 hours. Subculture onto Listeria Selective Agar Base (Oxford) (CM0856 and SR0140) and incubate plates at 37°C for 48 hours

Medium is challenged with 1-5 colony forming units/ml

<i>Listeria monocytogenes</i>	ATCC® 7644	0.25-1.0mm brown/black dimpled cols and halo
<i>Listeria monocytogenes</i>	ATCC® 13932	0.25-1.0mm brown/black dimpled cols and halo

A satisfactory result is represented by recovery of positive strains equal to or greater than a 3 log (10) increase.

After incubation at 30°C for 48 hours listeria species shall exhibit turbid growth.

Reactions after incubation at 30°C for 48 hours

Medium is challenged with 1E+01-1E+02 cfu/ml

<i>Escherichia coli</i>	ATCC® 25922	No growth
<i>Enterococcus faecalis</i>	ATCC® 29212	No growth

Negative strains are inhibited