# OXOID QUALITY ASSURANCE PRODUCT SPECIFICATION

# 24 LEB SELECTIVE SUPPLEMENT SR0243E

**24 LEB SELECTIVE SUPPLEMENT** **SR0243E**

**Formula**

Vial contents (each vial is sufficient to supplement 500ml of medium)

| | |
|---|---|
| Polymyxin | 5.0 mg |
| Quinolone antimicrobials | 17.5 mg |

**Description**

Selective supplement for use with 24 LEB Base (CM1107) as a 24 hour Listeria enrichment broth for BAX® System.

**Directions**

Aseptically add 5ml sterile distilled water to 1 vial and mix gently to dissolve. Aseptically add the vial contents to 500ml of sterile 24 Listeria Enrichment Broth Base (CM1107) prepared as directed and cooled to 50°C. Mix well and dispense into sterile containers.

**Physical Characteristics**

Yellow/orange pellet
Sterility - passes test

**Microbiological Tests Using Optimum Inoculum Dilution**

Control Media: Brilliance™ Listeria Agar (ISO) or Columbia Blood Agar Base enriched with 5% v/v horse blood, where appropriate

Tested in 24 Listeria Enrichment Broth (LEB) Base CM1107

**Reactions after incubation at 37 ± 1°C for 24 hours**

Inoculate 10ml quantities of medium to achieve 1-10 colony-forming units/ml (cfu/ml) of *Listeria* spp. Incubate broths at 37 ± 1°C for 24 hours. Subculture onto Brilliance™ Listeria Agar (ISO) (CM1212, SR0257 & SR0258) and incubate plates at 37°C for 24-48 hours.

Recovery of greater than or equal to 1E+05 cfu/ml is obtained for the subsequent organism;

*Listeria monocytogenes* ATCC®35152

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Recovery of greater than or equal to 1E+07 cfu/ml is obtained for the subsequent organisms;

| | |
|---|---|
| *Listeria monocytogenes* | ATCC®13932 |
| *Listeria innocua* | ATCC®33090 |

Inoculate 10ml quantities of medium to achieve greater than 1E+03 cfu/ml of the test organism. Incubate broths at 37 ± 1°C for 24 hours.

The following reactions are obtained for the subsequent organisms;

| | | |
|---|---|---|
| *Bacillus cereus* | ATCC®10876 | No growth to turbid growth |
| *Enterococcus faecalis* | ATCC®29212 | No growth to turbid growth |
| *Escherichia coli* | ATCC®25922 | No growth |

Negative strains are inhibited or shall produce minimal growth.

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## Revision History

| Section / Step | Description of Change | Reason for Change | Reference |
|---|---|---|---|
| Microbiological characteristics | Change of Listeria plating media | Change control | MOC-2024-0065 |