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| OXOID QUALITY ASSURANCE PRODUCT SPECIFICATION                                     |                               |              |
| ORSAB SELECTIVE SUPPLEMENT SR0195E  |                               |              |

## ORSAB SELECTIVE SUPPLEMENT

SR0195E

### Formula

Per vial (each vial is sufficient to supplement 500ml of medium).

|             |           |
|-------------|-----------|
| Polymyxin B | 25,000 IU |
| Oxacillin   | 1.0 mg    |

### Directions

Suspend 51.75g of Oxacillin Resistance Screening Agar Base (CM1008) in 500ml of distilled water and bring gently to the boil to dissolve. Sterilize by autoclaving at 121°C for 15 minutes. Cool to 50°C and aseptically add the contents of one vial of ORSAB Selective Supplement (SR0195E) reconstituted with 2ml sterile distilled water. Mix well and pour into sterile Petri dishes.

### Physical Characteristics

White pellet  
Sterility - passes test

### Microbiological Tests Using Optimum Inoculum Dilution

Control Medium: Tryptone Soya Agar

Tested in Oxacillin Resistance Screening Agar Base CM1008

### Reactions after incubation at 37°C for 48 hours

Medium is challenged with 10-100 colony-forming units

|                              |            |                       |
|------------------------------|------------|-----------------------|
| <i>Staphylococcus aureus</i> | ATCC®33591 | 0.5-2mm blue colonies |
|------------------------------|------------|-----------------------|

A satisfactory result is represented by recovery of positive strains equal to or greater than 70% of the control medium.

Medium is challenged with 1E+04 to 1E+06 colony-forming units

|                              |            |                                  |
|------------------------------|------------|----------------------------------|
| <i>Staphylococcus aureus</i> | ATCC®43300 | 0.5-1mm blue colonies            |
| <i>Staphylococcus aureus</i> | NCTC12493  | 0.5-1mm blue colonies            |
| <i>Escherichia coli</i>      | ATCC®25922 | No growth                        |
| <i>Staphylococcus aureus</i> | ATCC®25923 | No growth                        |
| <i>Enterococcus faecalis</i> | ATCC®29212 | No growth to 0.5mm blue colonies |

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Additional challenging strains are employed.

For positive test strains inoculated using diminishing sweep technique, a satisfactory result is represented by growth in accordance with the specification from an inoculum of 1E+04 to 1E+06 cfu. Negative strains are inhibited.

*Enterococcus faecalis* ATCC® 29212 shall be inhibited or produce minimal growth from an inoculum of 1E+04 to 1E+06 cfu.

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| OXOID QUALITY ASSURANCE PRODUCT SPECIFICATION                                     |                               |              |
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## Revision History

| Section / Step                  | Description of Change  | Reason for Change | Reference  |
|---------------------------------|--|-------------------|------------|
| Microbiological characteristics | Addition of ATCC®33591. Increase to ATCC®43300 inoculum level. | Change control    | BT-CC-2305 |
| Microbiological characteristics | Change ATCC®33591 colony size                                  | Change control    | BT-CC-2464 |