PRODUCT SPECIFICATION

OXOID CRONOBACTER SCREENING BROTH (CSB)          BO1341E

Typical Formula*  
Grams per litre
- Peptone: 10.0
- Meat extract: 3.0
- Sodium chloride: 5.0
- Bromocresol purple: 0.04
- Sucrose: 10.0

Addition
- Vancomycin: 10.0mg

* adjusted as required to meet performance standards

Preparation
Dissolve Cronobacter Screening Broth Base (28.04g/ litre) in distilled water. Sterilize by autoclaving at 121°C for 15 minutes. Cool to approximately 50°C and aseptically add the contents of 2 vials of Vancomycin Supplement (SR0247E) reconstituted as directed. Mix well and aseptically dispense 10ml into final containers, sterile universal plastic bottles. Label each bottle and pack in units of 24 into labelled boxes.

Format
Twenty-four universal plastic bottles with plastic 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
- pH: 7.4 ± 0.2
- Colour: Purple
- Clarity: Clear
- Fill weight: 10.0 – 10.3g

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

Contamination check
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 43-45°C for 22-26 hours

Positive controls
Inoculum 10-100 colony forming units

- Cronobacter sakazakii NCTC 12868 Turbid growth, orange broth
- Cronobacter sakazakii NCTC 29004 Turbid growth, orange broth
- Cronobacter muytjensii NCTC 51329 Turbid growth, orange broth
- Escherichia coli ATCC® 25922 Turbid growth
Negative control
Inoculum 10,000-100,000 colony forming units

*Staphylococcus aureus* ATCC® 25923 No growth

Inoculum determined on the control medium (Tryptone Soya Agar).

**Storage conditions**
Store away from light between 2-10°C.

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