BT-SPEC-0270

Distribution: Central File

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OXOID QUALITY ASSURANCE
PRODUCT SPECIFICATION

MOPS BLEB BASE **CM1071**

Typical Formula*

Tryptone Soya Broth	grams per litre	30.0
Yeast extract		6.0
MOPS free acid		6.7
MOPS sodium salt		10.5

* adjusted as required to meet performance standards

Directions

Dissolve 26.6g in 500ml of distilled water. Sterilize by autoclaving at 121°C for 15 minutes. Cool to 50°C and aseptically add the contents of 1 vial of Listeria Selective Enrichment Supplement (SR0141E) reconstituted as directed**. Mix well and aseptically dispense into sterile containers.
**Supplement may be added pre-sterilization.

Physical Characteristics

Straw, free-flowing powder
Colour on reconstitution - straw 3-4
Moisture level - less than 7%
pH 7.3 ± 0.2 at 25°C
Clarity - clear

Microbiological Tests Using Optimum Inoculum Dilution

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

Tested with the addition of Listeria Selective Enrichment Supplement SR0141

Reactions after incubation at 37°C for 24 hours

Inoculate 10ml quantities of medium to achieve 1-10 colony-forming units/ml of *Listeria* spp. Incubate broths at 37°C for 24 hours. Subculture onto Brilliance ™ Listeria Agar (CM1080, SR0227 and SR0228) and incubate plates at 37°C for 24-48 hours.

Listeria monocytogenes	ATCC® 7644
Listeria monocytogenes	ATCC® 13932

A satisfactory result is represented by recovery of greater than 1E+06 cfu/ml.

Inoculate 10ml quantities of medium to achieve 10-100 colony-forming units/ml of the test organism. Incubate broths at 37°C for 24 hours. Subculture onto Tryptone Soya Agar (CM0131) and incubate plates at 37°C for 24 hours.

Bacillus cereus	ATCC® 10876	No growth
Escherichia coli	ATCC® 25922	No growth

Negative strains are inhibited.