

Distribution: Central File

Date: 11/02/08

Supersedes: 25/03/04

OXOID QUALITY ASSURANCE**PRODUCT SPECIFICATION****CAMPYLOBACTER GROWTH SUPPLEMENT (LIQUID) (OXOID)****SR0232E****Formula**

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

| | |
|-----------------------|---------|
| Sodium pyruvate | 0.125 g |
| Sodium metabisulphite | 0.125 g |
| Ferrous sulphate | 0.125 g |

DescriptionSupplement for the enhanced growth and aerotolerance of *Campylobacter*.**Directions**

Aseptically add the vial contents to 500ml of a sterile nutrient medium cooled to 50°C, prepared from the following media ;

| Base | Blood | Supplement |
|-----------|---|-------------------------------------|
| CM0689 | 5-7% lysed horse blood (SR0048) | Campylobacter Selective Supplement |
| or CM0331 | or 5-7% defibrinated horse blood (SR0050) | (SR0069) or (SR0085) or (SR0098) or |
| or CM0271 | or 5-7% defibrinated sheep blood (SR0051) | (SR0117) or (SR0204) or (SR0214) |
| or CM0067 | | |

Mix well and pour into sterile Petri dishes or sterile containers as appropriate.

Physical Characteristics

Dark yellow liquid

Sterility - passes test

Bacteriological Tests Using Optimum Inoculum Dilution

Control Medium : Columbia Blood Agar Base enriched with 7% v/v lysed horse blood and Campylobacter Growth Supplement SR0232

**Reactions after incubation at 37°C for 48 hours under microaerophilic conditions
(for details refer to Oxoid Manual - Atmosphere Generation Systems)**

Tested in Columbia Blood Agar Base CM0331 enriched with 7% v/v lysed horse blood and Campylobacter Growth Supplement SR0232

Medium is challenged with 10-100 colony forming units

| | | |
|-----------------------------|-------------|---|
| <i>Campylobacter jejuni</i> | ATCC® 29428 | 0.5-2mm grey/brown colonies, with or without red medium |
| <i>Campylobacter lari</i> | ATCC® 35221 | 0.5-2mm grey/brown colonies, with or without red medium |
| <i>Campylobacter coli</i> | ATCC® 43478 | 0.5-2mm grey/brown colonies, with or without red medium |
| <i>Campylobacter fetus</i> | NCTC 10348 | 0.5-2mm grey/brown colonies, with or without red medium |

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

**Reactions after incubation at 42°C for 48 hours under microaerophilic conditions
(for details refer to Oxoid Manual - Atmosphere Generation Systems)**

Medium is challenged with 10-100 colony forming units

| | | |
|-----------------------------|-------------|---|
| <i>Campylobacter jejuni</i> | ATCC® 29428 | 0.5-2mm grey/brown colonies, with or without red medium |
| <i>Campylobacter lari</i> | ATCC® 35221 | 0.5-2mm grey/brown colonies, with or without red medium |
| <i>Campylobacter coli</i> | ATCC® 43478 | 0.5-2mm grey/brown colonies, with or without red medium |

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