



87213

Selenite Broth w/ Dulcitol (Twin Pack)

Part D

Specifications

Appearance (Colour)	Off white
Appearance (Form)	Free flowing, homogeneous powder
Solubility	19.01 gm/liter
Solubility before autoclaving (Clarity)	Clear
pH (25°C)	7.0 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear
Prepared Medium Appearance after autoclaving (Colour)	Very light amber
Cultural Response	Inoculate and incubate at 35 ± 2°C for 18-24 hours (with added sodium selenite) and sub culture on MacConkey Agar after incubation at 35-37°C for 18-24 hours.
Organism	Salmonella typhimurium ATCC 14028
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : Increase in numbers Colony colour on MacConkey Agar : colourless
Organism	Salmonella typhi ATCC 6539
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : Increase in numbers Colony colour on MacConkey Agar : colourless
Organism	Escherichia coli ATCC 25922
Inoculum	Growth : Good Recovery Rate : none to poor Colony colour on MacConkey Agar : pink w/bile precipitate
	Inhibited

Other Information

Applications

Used for enrichment of Salmonella species.

Composition

Part A

Ingredients	gm/lt.
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Peptone	5.00
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Dulcitol	4.00
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Disodium phosphate	10.00
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Part B

Sodium selenite	4.00
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Directions

1. Add 19.00 gm powder to distilled/purified water.
2. Add 4.00 gm Sodium selenite powder to Part A.
3. Dispense into test tubes.
4. Sterilize in boiling water bath or free flowing steam for 10 minutes.

Caution :

*Sodium Selenite is very toxic. Avoid contact with skin and eyes, incase of contact wash immediately with water and seek medical advice.

General Information

Storage	8 to 25°C (Cool & Dry Area)
Shelf Life	36 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
500 Gms	38210000 (GST 18%)

Available Packages

500 Gms

Disclaimer

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