



77707

HS Medium (Hydrosulphite of Sodium Medium)

Part D

Specifications

Appearance (Colour)	Cream
Appearance (Form)	Free flowing, homogeneous powder
Solubility	29.5 gm/lit
Solubility before autoclaving (Clarity)	Light amber, clear to very slightly opalescent
pH (25°C)	7.1 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear to very slightly opalescent, solution with upper 10% or less medium having pinkish tinge on standing
Prepared Medium Appearance after autoclaving (Colour)	Light amber coloured
Cultural Response	Inoculate and incubate at 37° C ± 2°C for 18-48 hours
Organism	Clostridium perfringens ATCC 12924
Inoculum (cfu) 10-100	Growth- good
Organism	Enterobacter aerogenes ATCC 13048
Inoculum (cfu) 10-100	Growth- good
Organism	Staphylococcus aureus ATCC 25923
Inoculum (cfu) 10-100	Growth- good
Organism	Streptococcus pyogenes ATCC 19615
Inoculum (cfu) 10-100	Growth- good
Organism	Corynebacterium diphtheriae ATCC 11913
Inoculum (cfu) 10-100	Growth- good

Other Information

Applications

Used for the cultivation of aerobic and anaerobic bacteria. It is also used for sterility testing.

Composition	
Ingredients	gm/lt.
Casein enzymatic hydrolysate	15.00
Yeast extract	5.00
Sodium hydrosulphite	0.5
Sodium chloride	2.5
Dextrose	5.5
Resazurin	0.001
Agar	1.00

Directions

1. Add 29.5 gm powder to distilled/purified water.
2. Bring volume to 1 liter & mix thoroughly.
3. Gently heat and bring to boiling.
4. Autoclave at 15 psi pressure at 121°C for 15 minutes.

General Information

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

Available Packages

100 Gms
500 Gms

Disclaimer

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