



## 19440

### ChroMed Chromogenic Coliform Agar w/ SLS (CCA w/ SLS)

Part D

#### Specifications

Appearance (Colour)	Cream
Appearance (Form)	Free flowing, homogeneous powder
Solubility	31.32 gm/liter
Solubility before autoclaving (Clarity)	Clear to very slightly opalescent
Gel strength (1.5% gel)	Firm, comparable with 1.5% agar gel
pH (25°C)	6.8 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear to very slightly opalescent
Prepared Medium Appearance after autoclaving (Colour)	Cream to yellow
Cultural Response	Inoculate and incubate at 35-37°C for 18-24 hours
Organism	Escherichia coli ATCC 25922
Inoculum (cfu) 10-100	Growth : Good, Recovery rate : >=70%, Colony colour : Dark blue to violet
Organism	Escherichia coli ATCC 8739
Inoculum (cfu) 10-100	Growth : Good, Recovery rate : >=70%, Colony colour : Dark blue to violet
Organism	Enterobacter aerogenes ATCC 13048
Inoculum (cfu) 10-100	Growth : Good, Recovery rate : >=70%, Colony colour : Pale pink to pink
Organism	Pseudomonas aeruginosa ATCC 10145
Inoculum (cfu) 10-100	Growth : Good, Recovery rate : >=70%, Colony colour : Colourless
Organism	Citrobacter freundii ATCC 43864
Inoculum (cfu) 10-100	Growth : Good, Recovery rate : >=70%, Colony colour : Pale pink to pink
Organism	Enterococcus faecalis ATCC 19433
Inoculum	>=10 <sup>3</sup> , Growth : Inhibited

#### Other Information

##### Applications

For detection of Escherichia coli and coliforms in water samples.

##### Composition

Ingredients	gm/lt.
Enzymatic digest of casein	1.00
Yeast extract	2.00

Sodium chloride	5.00
Monosodium phosphate	2.20
Disodium phosphate	2.70
Sodium pyruvate	1.00
D-Sorbitol	1.00
Tryptophan	1.00
Sodium lauryl sulfate	0.15
Chromogenic mixture	0.27
Agar	15.00

**Directions**

1. Add 31.32 gm powder to 1.0 liter of distilled/purified water and mix thoroughly.
2. Gently heat and bring to boiling.
3. Do not Autoclave. Do not overheat.
4. If desired, add 5 mg/L of Novobiocin, before autoclaving the medium.

**General Information**

Storage	2 to 8°C (Refrigerate)
Shelf Life	24 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
100 Gms	38210000 (GST 18%)
50 Gms	38210000 (GST 18%)
500 Gms	38210000 (GST 18%)
Type of Packing	
100 Gms	Plastic Bottle

**Available Packages**

50 Gms
100 Gms
500 Gms

**Disclaimer**

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