



PRODUCT CODE: 446910

CCA Coliforms, Chromogenic Agar (Prepared Plate (@ 55 mm)) for microbiology

Physical Data: Prepared media of light yellow colour ·Procedure: Filter appropriate volume through a sterile 47 mm, 0,45µm gridded membrane filter, under partial vacuum. Place filter on agar Petri dish. Incubate 21±3 hours at 36±2°C. After incubation, enumerate the colonies as described : - Magenta, salmon to red colonies color : b-galactosidase positives and b-glucuronidase negatives (Coliform colonies no E.coli). - Purple, dark blue to violet colonies color: b-galactosidase positives and b-glucuronidase positives (Escherichia coli)- Colourless, lightblue to turquoise: Other gram-negatives. Express results as cfu/100 ml ·

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PHYSICAL DATA:

BIBLIOGRAPHY: FRAMTON, E.W., RESTAINO, L.A., BLASZKO, L.: Evaluation of b-glucuronidase substrate 5-bromo-4-chloro-3-indole-b-D-glucuronide(X-GLUC) in 24 hour direct plating method for Escherichia coli. -J.Food Protection, 51; 402-404 (1988), KILIAN,M. a. BÜLOW, P.: Rapid diagnosis of Enterobacteriaceae. I.Detection of bacterial glycosidases. -Acta Pathol. Microbiol. Scand.Sect. B 84; 245-251 (1976), MANAFI,M. a.KNEIFEL, W.: A combined chromogenic-fluorogenic medium for the simultaneous detection of total coliforms and E.coli in water.-Zentralabl. Hyg. 189; 225-234 (1989), Orden SCO/778/2009, de 17 de marzo, sobre métodos alternativos para el análisis microbiológico del agua de consumo humano •

HAZARDOUS:

OBSERVATIONS: Storage between +8 and +15°C

Composition (g/l):

Peptone	3,0
Sodium Chloride	5,0

Monosodium Phosphate	2,2
di-Sodium Phosphate	2,7
Sodium Pyruvate	1,0
L-Tryptophan	1,0
Agar	10,0
Sorbitol	1,0
Tergitol-7	0,15
Cefsulodin	0,005
Vancomycin	0,005
Chromogenic b GLU Substrate	0,2
Chromogenic Salmon GAL Substrate	0,2
pH: 6.8 ±0.2	

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