



PRODUCT CODE: 447153

CCA Coliforms Chromogenic Agar (ISO 9308-1) (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 18-24 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: ADAMS, M., R.GRUBB, S.M. HAMER & A. CLIFFORD (1990) Colorimetric enumeration of Escherichia coli based on β-glucuronidase activity. Appl.Environ. Microbiol. 56:2021. ISO 7704 Standard (1985) WaterQuality - Evaluation of membrane filters used for microbiological analyses.,ISO/DIS 9308-1 Standard (2012) Water quality. Detection and enumeration of E. coli and coliforms bacteria, Part 1: Membrane filtration Method for waters with low bacterial background flora. KILIAN, M. & P. BÜL •

HAZARDOUS: / Data not available. •

OBSERVATIONS: Storage between +8 and +15°C

Composition (g/l):

Enzymatic Digest of Casein	1,00
Yeast Extract	2,00
Sodium Chloride	5,00
Mono-Sodium Phosphate	2,20

di-Sodium Phosphate	2,70
Tryptophan	1,00
Sodium Pyruvate	1,00
Tergitol-7	0,15
Sorbitol	1,00
6-Chloro-3-indoxyl β -D-galactopyranoside	0,20
5-Bromo-4-chloro-3-indoxyl- β -D-glucuronide	0,10
IPTG	0,10
Agar	13,00
pH: 6.8 \pm 0.2	

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