

AquaCHROM™ ECC



MEDIUM PURPOSE

Chromogenic medium for the detection of *E.coli* and coliforms in water samples.

Coliforms, *Enterobacteriaceae* able to ferment lactose, are bacteria present in human and warm blooded animals intestinal flora, in the soil and water. Coliforms are indicators of organic, environmental or faecal contamination.

Strict regulations exist for *E.coli*/Coliform absence in water and food samples. This can be explained by the importance of these germs in determining water and food safety.

Worldwide, water and food quality control for human consumption are based on detecting the presence/absence of *E.coli* and

COMPOSITION

The product is composed of a powder medium.

Product	=	Pack
Total g/L		22.3 g/L
Composition g/L		Peptone and growth regulators 20.0 Chromogenic and selective mix 2.3
Aspect		Powder Form
STORAGE		15-30°C
FINAL MEDIA pH		7.1 +/- 0.2

PREPARATION

Preparation

- This product is supplied ready to use, in a pre-weighed dose.

Storage

- Store in the dark before use.
- The product can be stored until the shelf life indicated on the label.

INOCULATION

Water samples are to be processed as follows:



1. Add a pre-weighed dose in a sterile transparent vessel containing the 100ml water sample



2. Close and shake until dissolution

18-24h 35-37°C



3. Incubate at 35-37°C for 18-24h.



4. Read the results (*E.coli* / Coliforms).

