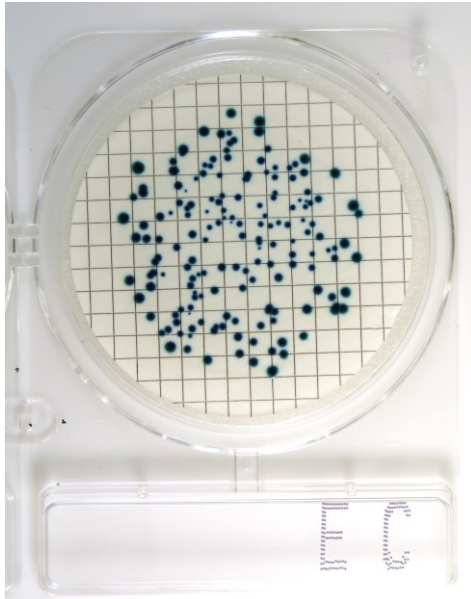


- AN EASY WAY TO DETECT *E. COLI* & OTHER COLIFORMS IN WATER –



### GENERAL INFORMATION

The usage of our **Compact Dry EC Plates** is a simple and safe way for the determination and quantification of *E.coli* and other coliform bacteria in water. Especially for settings with relatively poor infrastructure.

The plates consist of a special 50 mm diameter petri dish containing a detection specific dry nutrient pad for *E. coli* and other coliforms. The medium contains two kinds of chromogenic enzyme substrates: **Magenta-Gal** and **X-Gluc**. Due to these substrates *E.coli* forms blue to blue purple colonies while coliforms show a reddish, red violet or pink coloration. The total coliform group count is the sum of all colonies identified as coliforms or *E.coli*.

### SPECIFICATIONS AND BENEFITS

- Ready-to-use
- Storage 5-30°C (no fridge needed!)
- Shelf life 18 months
- Max. 70 seconds „hands-on time“
- Write sample ID on front part
- Incubation time 24 hours at 35-38°C
- AOAC, MicroVal and NordVal approved

### MEMBRANE FILTRATION METHOD

Needed items:

- LetzTEST Membrane Filtration Kit
- LetzTEST CME Membranes
- Sterile purified water
- **Compact Dry EC Plates**
- LetzTEST Incubator 37°C

1. Activate the dry plate with 1 ml of sterile water
2. Filter 100 ml through a paper membrane filter using the LetzTEST Membrane Filtration Apparatus
3. Place the membrane filter into the Compact DRY EC Plate. No bubbles. Grid side up.
4. Incubate for 24 hours at 37°C
5. Count the colonies

## DISTRIBUTOR

Letzner Pharmawasseraufbereitung GmbH  
Robert-Koch-Str.1  
42499 Hückeswagen (Germany)

LETZNER Pharmawasseraufbereitung is a ISO 9001:2015 certified company that attaches great importance to the quality of its products. Both the intermediate production stages and the final products are checked according to specified release criteria.

## PHOTOS



4 plates per package (sterile packed)