

## Certificate of Stability test

**Product:** CBT EC+TC and GEL EC

**CBT ECTC Lot number: 00055**

**Production Date: Jan 16, 2024**

**GEL EC Lot number: 00053**

**Production Date: Nov 22, 2023**

Powder medium packets were stored at 65°C for 10 weeks, which is equivalent to 160 weeks at 25°C. At weeks 7, 8, 9, and 10, negative and positive controls using stored media were evaluated. Representative samples have been tested by the quality control laboratory.

Procedures and results are listed below.

### **Physical Characteristics at weeks 7 to 10:**

**Appearance:** Light yellowish powder

**pH:** 7.0 +/- 0.2 at 25°C

### **Results:**

#### **CBT ECTC Test cultures Reaction at weeks 7,8,9,10**

*Escherichia coli* ATCC 25922: Blue in ambient light and fluorescent under UV (365 nm)

*Citrobacter freundii* (ATCC43864): Only fluorescent under UV

*Pseudomonas Aeruginosa* (ATCC 27853): No fluorescent or color change

Reagent water: No growth (No fluorescent or color change)

#### **GEL EC Test cultures Reaction at weeks 7,8,9,10**

*Escherichia coli* ATCC 25922: Blue colonies in ambient light

*Citrobacter freundii* (ATCC43864): white colonies

Pictures from week 10 results

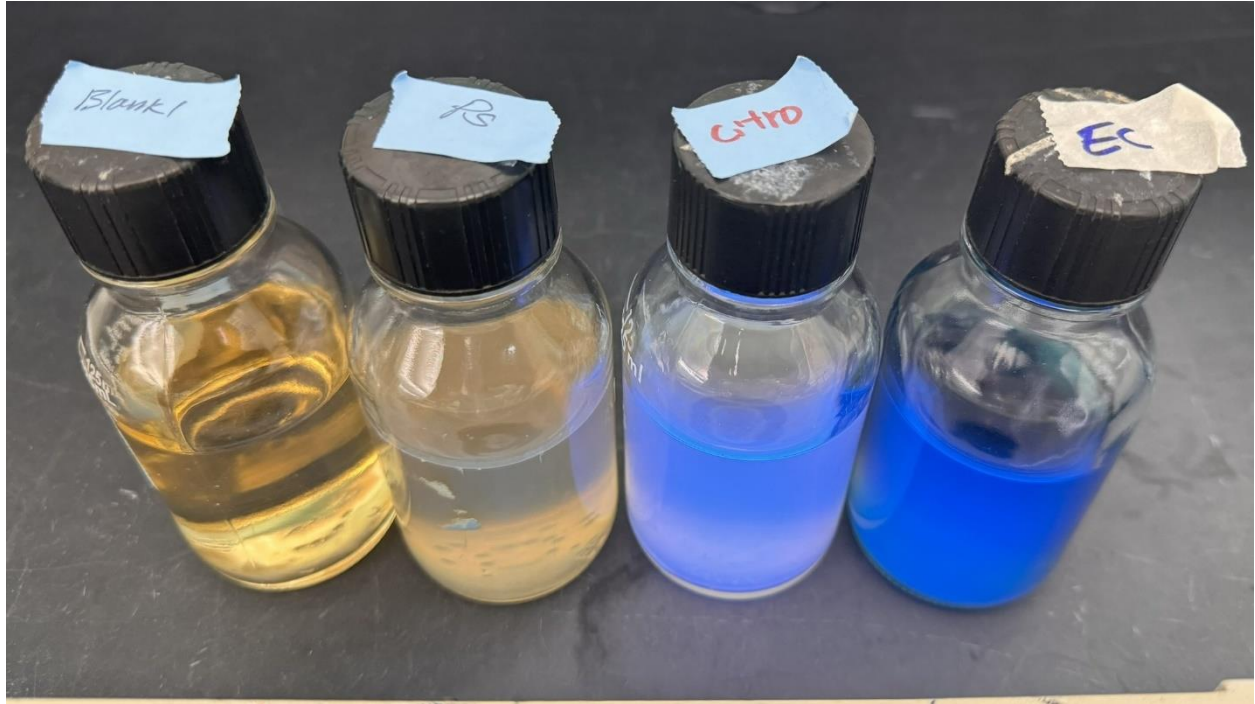


Blank

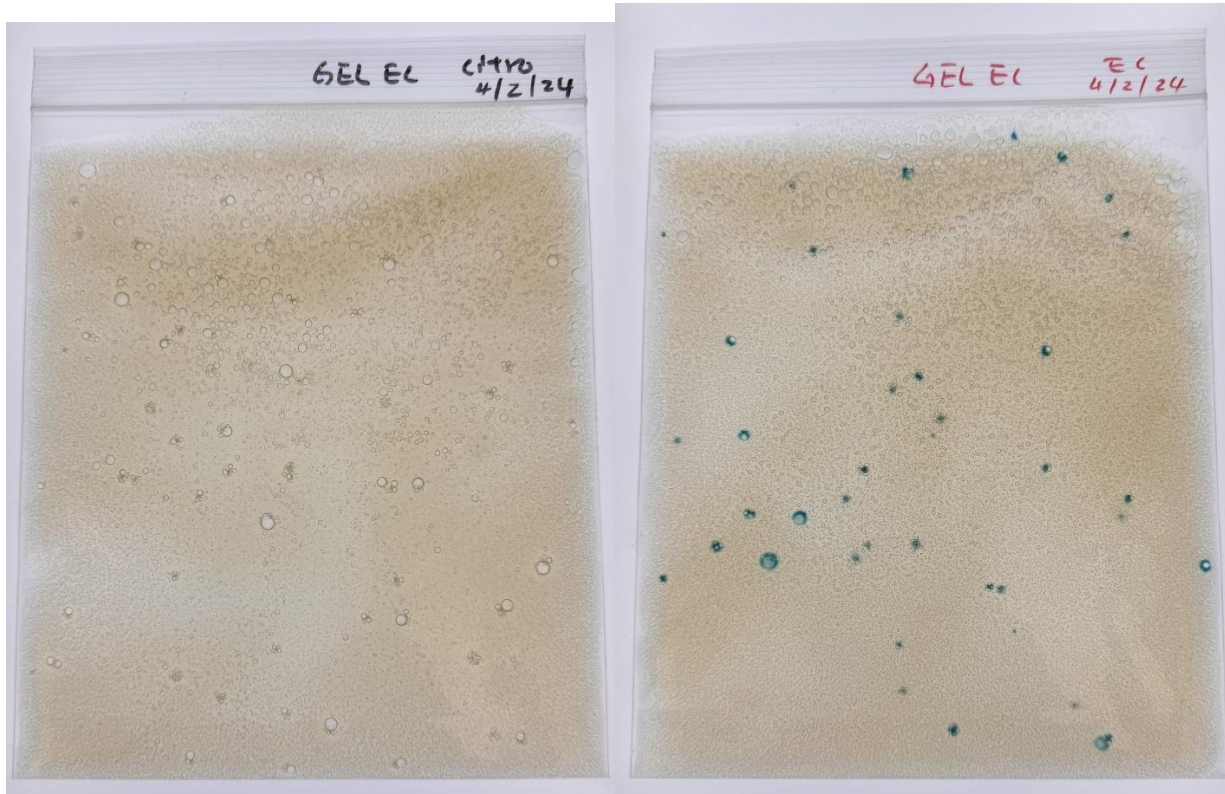
*Pseudomoans*

*Citrobacter*

*E. coli*



Under UV



Based on the this study, CBT ECTC and GEL EC stability will be **3 years** if it is stored at 25°C inside the plastic bag with a desiccator.



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