

Product: EC Medium

Catalog Number: i23061

Lot Number:

Date of Release:

Expiration Date:

Dehydrated Appearance: Light beige, free-flowing, homogeneous.

Solution: 3.7% solution, soluble in purified water. Solution is light to medium amber, clear.

Prepared Appearance: Light amber, clear.

pH of 3.7% solution at 25 °C: 6.9 ± 0.2

Cultural Response: The medium was prepared according to label directions and inoculated with the organisms listed below. Cultural characteristics were observed after incubation at $44.5 \pm 2^\circ\text{C}$ for 24-48 hours.

| Organism | ATCC* | Inoculum CFU | Growth at 44.5 °C | Gas formation at 44.5 °C |
|-----------------------------------|-------|-----------------|-------------------|-----------------------------|
| <i>Escherichia coli</i> | 25922 | 10^3 | Good | + |
| <i>Escherichia coli</i> | 8739 | 10^3 | Good | + |
| <i>Citrobacter freundii</i> | 8090 | 10^3 | None/ fair | - |
| <i>Enterococcus faecalis</i> | 19433 | 10^3 | None/fair | - |
| <i>Enterobacter cloacae</i> | 13047 | 10^3 | None/fair | - |
| <i>Pseudomonas aeruginosa</i> | 27853 | 10^3 | Poor/fair | - |

*ATCC is a registered trade mark of the American Type Culture Collection.

QC Department