

**Product:** Selenite Cystine Broth

**Catalog Number:** i23646

**Lot Number:**

**Date of Release:**

**Expiration Date:**

**Dehydrated Appearance:** Off-white, free-flowing, homogeneous.

**Solution:** 2.3% solution, soluble in purified water upon boiling. Solution is very light amber, may have a trace tint of pink orange, clear to very slightly opalescent, may have a slight precipitate.

**Prepared Appearance:** Light amber, clear to slightly opalescent, may have a slight precipitate.

**pH of 2.3% solution at 25 °C:** 7.0 ± 0.2

**Cultural Response:** Medium was prepared according to label directions. Cultural response was observed after 24 ± 2 hours of incubation at 35 ± 2°C. After incubation, subculture onto MacConkey Agar plates and incubate plated media at 35 ± 2°C for 18-24 hours.

| Organism  | ATCC* | Inoculum CFU                     | Recovery                       | Colonies on MacConkey Agar |
|---|-------|----------------------------------|--------------------------------|----------------------------|
| <i>Escherichia coli</i>   | 25922 | 10 <sup>2</sup> -10 <sup>3</sup> | Partial to complete inhibition | Pink with bile precipitate |
| <i>Salmonella enterica subsp. enterica serotype Typhimurium</i> | 14028 | 10 <sup>2</sup> -10 <sup>3</sup> | Good                           | Colorless                  |
| <i>Shigella sonnei</i>  | 9290  | 10 <sup>2</sup> -10 <sup>3</sup> | Fair to Good                   | Colorless                  |

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

QC Department