

**Product:** XLD (Xylose Lysine Deoxycholate) Agar

**Catalog Number:** i23250

**Lot Number:**

**Date of Release:**

**Expiration Date:**

**Dehydrated Appearance:** Pink, free-flowing, homogeneous.

**Solution:** 5.3% solution, soluble in purified water upon boiling. Solution is red, very slightly to slightly opalescent.

**Prepared Appearance:** Red, slightly opalescent.

**pH of 5.3% solution at 25 °C:**  $7.4 \pm 0.2$

**Cultural Response:** Prepare the medium per label directions. Inoculate and incubate at  $35 \pm 2^\circ\text{C}$  for 18-24 hours. Incubate (\*) cultures at  $30-35^\circ\text{C}$  for 18-48 hours and (\*\*) culture at  $35-37^\circ\text{C}$  for 18-72 hours.

| Organism                                                                       | ATCC  | CFU         | Recovery                                                    | Colony color           |
|--------------------------------------------------------------------------------|-------|-------------|-------------------------------------------------------------|------------------------|
| <i>Escherichia coli</i>                                                        | 25922 | $\sim 10^3$ | Partial inhibition                                          | Yellow                 |
| <i>Escherichia coli</i> *                                                      | 8739  | $>100$      | Partial to complete inhibition<br>( $30-35^\circ\text{C}$ ) | Yellow                 |
| <i>Enterococcus faecalis</i>                                                   | 29212 | $\sim 10^3$ | Partial inhibition                                          | -                      |
| <i>Salmonella enterica</i><br>subsp. <i>enterica</i><br>serotype Typhimurium*  | 14028 | $<100$      | Growth<br>( $30-35^\circ\text{C}$ )                         | Red with black centers |
| <i>Salmonella enterica</i><br>subsp. <i>enterica</i><br>serotype Typhimurium** | 14028 | $<100$      | Growth<br>( $35-37^\circ\text{C}$ )                         | Red with black centers |

QC Department