

**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 ( $30-35^\circ\text{C}$ )	Yellow
<i>Enterococcus faecalis</i>	29212	$\sim 10^3$	Partial inhibition	-
<i>Salmonella enterica</i> <i>subsp. enterica</i> <i>serotype Typhimurium</i> *	14028	$<100$	Growth ( $30-35^\circ\text{C}$ )	Red with black centers
<i>Salmonella enterica</i> <i>subsp. enterica</i> <i>serotype Typhimurium</i> **	14028	$<100$	Growth ( $35-37^\circ\text{C}$ )	Red with black centers

QC Department