

**Product:** Lysine Iron Agar

**Catalog Number:** i23368

**Lot Number:**

**Date of Release:**

**Expiration Date:**

**Dehydrated Appearance:** Beige to greenish beige, free flowing, homogeneous.

**Solution:** 3.2% solution, soluble in purified water upon boiling. Solution is reddish purple, slightly opalescent.

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

**pH of 3.2% Solution at 25 °C:**  $6.7 \pm 0.2$

**Cultural Response:** Prepare the medium per label directions. Inoculate with fresh cultures and incubate at  $35 \pm 2^\circ\text{C}$  for 18-48 hours.

Organism	ATCC*	Growth	Butt	Slant
<i>Escherichia coli</i>	25922	Good/ Very Good	Yellow	Violet
<i>Salmonella typhimurium</i>	14028	Good/Very Good	Violet and Black	Violet
<i>Citrobacter freundii</i>	8090	Good/Very Good	Yellow and Black	Violet
<i>Proteus mirabilis</i>	29906	Good/Very Good	Yellow and Black	Reddish-Brown

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

QC Department