

**Product:** EC Medium with MUG

**Catalog Number:** i23062

**Lot Number:**

**Date of Release:**

**Expiration Date:**

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

**Solution:** 3.71% solution, soluble in purified water. Solution is light amber, clear.

**Prepared Appearance:** Light amber, clear.

**pH of 3.71% Solution at 25°C:** pH  $6.9 \pm 0.2$

**Cultural Response:** Prepare the medium per label directions. Inoculate tubes in duplicate with fresh 18-24 hour cultures. Incubate the first set at  $35 \pm 2^\circ\text{C}$  for  $24 \pm 2$  hours and the second set at  $44.5 \pm 0.2^\circ\text{C}$  for  $24 \pm 2$  hours. Read fluorescence under a long-wave UV light.

Organism	ATCC*	35°C/Gas	44.5°C/Gas	Fluorescence
<i>Enterobacter aerogenes</i>	13048	Good/ $\pm$	Inhibition to good/-	-
<i>Enterococcus faecalis</i>	19433	Inhibition/-	Inhibition to good/-	-
<i>Escherichia coli</i>	25922	Good/+	Good/+	+

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

QC Department

شرکت زیست کاوش ایرانیان

کرج، ۴۵ متری گلشهر، کوکب شرقی، ساختمان ایبرسکو. تلفن: ۰۲۶-۳۳۵۱۶۴۶۷، فکس ۰۲۶۳۳۵۲۳۴۶۰

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