

Product: SIMMONS Citrate Agar

Catalog Number: i23171

Lot Number:

Date of Release:

Expiration Date:

Dehydrated Appearance: Light orange free-flowing, homogeneous may contain many dark and gray flecks.

Solution: 2.23% solution, soluble in purified water upon boiling. Solution is medium to dark, green, clear to slightly hazy.

Prepared Appearance: Medium to dark, green, clear to slightly hazy, with a small amount of precipitate and as many as a large amount of insolubles.

pH at 25 °C: 6.6 ± 0.2 at 25°C

Cultural Response: Prepare the medium per label directions. Inoculate with fresh cultures and incubate aerobically at $35 \pm 2^\circ\text{C}$ for 24-48 hours.

Organism	ATCC*	Recovery	Color change to blue
<i>Escherichia coli</i>	25922	None/poor	-
<i>Enterobact cloacae</i>	13047	Good	Alkaline (blue)
<i>Citrobacter freundii</i>	8090	Good	Alkaline (blue)
<i>Shigella flexneri</i>	12022	None/poor	-

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

QC Department