

Product: Mannitol Salt Agar

Catalog Number: i23108

Lot Number:

Date of Release:

Expiration Date:

Dehydrated Appearance: Beige Fine, homogeneous, free of extraneous material and may contain many light to dark red flecks.

Solution: 10.8% solution, soluble in purified water upon boiling. Solution is medium to dark, red to rose; clear to slightly hazy.

Prepared Appearance: Light to medium rose red, trace orange; clear to hazy.

pH of 10.8% Solution at 25 °C: 7.4 ± 0.2

Cultural Response: Prepare the medium per label directions. Inoculate and incubate at $35 \pm 2^\circ\text{C}$ for 42-48 hours. Incubate plates with *Staphylococcus aureus* ATCC 6538 and *E. coli* ATCC 8739 at $30-35^\circ\text{C}$ for 18-72 hours.

Organism	ATCC*	Inoculum CFU	Recovery	Color of media around colony
<i>Proteus mirabilis</i>	12453	10^4-10^5	Partial to complete inhibition	-
<i>Escherichia coli</i>	8739	>100	No Growth	N/A
<i>Staphylococcus aureus</i>	25923	10^3-10^4	Good	Yellow
<i>Staphylococcus epidermidis</i>	12228	10^3-10^4	Good	Red
<i>Staphylococcus aureus</i>	6538	<100	Growth	Yellow

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

QC Department