

Product: Nutrient Agar With MUG

Catalog Number: i23395

Lot Number:

Date of Release:

Expiration Date:

Dehydrated Appearance: Tan, free-flowing, homogeneous.

Solution: 2.81 % solution, soluble in purified water upon boiling. Solution is light to medium amber, clear to slightly opalescent.

Prepared Appearance: Light amber, very slightly to slightly opalescent.

Gel Strength: Firm

pH of 2.81 % solution at 25 °C: 7.4 ± 0.2

Cultural Response: Medium was prepared according to label directions. Cultural response was observed after 18-24 hours of incubation at $35 \pm 2^\circ\text{C}$.

Interpretation of the test:

Positive Test Blue-green fluorescence

Negative Test lack of any fluorescence

Organism	ATCC*	CFU	Recovery	Fluorescence (under UV light at 366 nm)
<i>Escherichia coli</i>	25922	50-100	Good	Positive
<i>Staphylococcus aureus</i>	25923	50-100	Good	Negative
<i>Pseudomonas aeruginosa</i>	27853	50-100	Good	Negative

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

QC Department