



Certificate of Analysis

MacConkey Agar
Catalog Number: M13-106
Lot Number: 210329022403
Expiration: March 2024

3651 Clipper Mill Rd.
Baltimore, MD 21211
Phone (410) 467-9983
Fax (410) 467-5088

Physical And Chemical Tests

Specification:

Result:

DCM Appearance:
(Free flowing powder, homogenous,
beige +/- pale pink tint)

Free flowing powder,
homogeneous,
beige+ pale pink tint

PPM Appearance:
(Trace to slight haze, medium
to dark pinkish purple)

Slight haze, medium
pinkish purple

pH of a 5.0% solution at 25°C:
(7.1 +/- 0.2)

7.25

Microbiological Tests

<u>Microorganisms</u>	<u>Growth*/ Colony Morphology</u>	<u>Reactions</u>
<i>Enterobacter aerogenes</i> ATCC 13048	Excellent, Pink-red	Lactose positive Bile precipitate
<i>Enterococcus faecalis</i> ATCC 29212	Inhibited N/A	N/A
<i>Escherichia coli</i> ATCC 25922	Excellent Pink	Lactose positive Bile precipitate
<i>Proteus mirabilis</i> ATCC 12453	Excellent Colorless	Lactose negative Swarming inhibited
<i>Pseudomonas aeruginosa</i> ATCC 27853	Excellent Colorless	Lactose negative
<i>Salmonella typhimurium</i> ATCC 14028	Excellent Colorless	Lactose negative
<i>Shigella flexneri</i> ATCC 12022	Excellent Colorless	Lactose negative

* The following results were obtained from type cultures after incubation at a temperature of 35°C and observed after 18-24 hours.

Laboratory Results: Satisfactory

Country of Manufacture:
Testing performed by:
Completed on:
QC Release by:

USA
Q. McClary/B. Henson
04-09-21
Abida Kazmi