

pH

5.20-5.60

Cultural Response

MI 166: Cultural characteristics observed in presence of 3-5% Carbon dioxide(CO₂), after an incubation at 35-37°C for 48 hours.

Organism	Inoculum (CFU)	Growth
Cultural Response		
<i>Enterococcus faecalis</i> ATCC 29212	$\geq 10^3$	inhibited
<i>Lactobacillus acidophilus</i> ATCC 4356	50-100	luxuriant
<i>Lactobacillus casei</i> ATCC 9595	50-100	luxuriant
<i>Lactobacillus plantarum</i> ATCC 8014	50-100	luxuriant
<i>Proteus vulgaris</i> ATCC 13315	$\geq 10^3$	inhibited
<i>Staphylococcus aureus</i> ATCC 25923	$\geq 10^3$	inhibited
<i>Escherichia coli</i> ATCC 25922	$\geq 10^3$	inhibited

Storage and Shelf Life

Store below 8°C and the prepared medium at 2 - 8°C in tightly closed container. Use before expiry date on the label.

Reference

- Balows A., Truper H. G., Dworkin M., Harder W., Schleifer K. H., (Eds.), The Prokaryotes, 2nd Ed, 1992, Springer-Verlag
- Wiseman R. F, Sarles W. B, Benton D. A, Harper A. E and Elvehjem C.A., 1956, J. Bacteriol., 72:723.
- Ellis R. F. and Sarles W. B., 1958, J. Bacteriol., 75:272.
- Rogosa M. and Sharpe M. E., 1960, J. Gen. Microbiol., 23:197
- Downes F. P. and Ito K., (Eds.), 2001, Compendium of Methods for the Microbiological Examination of Foods, 4th Ed., American Public Health Association, Washington, D.C.
- Wehr H. M. and Frank J. H., 2004, Standard Methods for the Microbiological Examination of Dairy Products, 17th Ed., APHA Inc., Washington, D.C.
- Rogosa M., Mitchell J. A and Wiseman R. F., 1951, J. Bacteriol., 62:132.
- Rogosa M., Mitchell J. A and Wiseman R. F., 1951, J. Dental Res., 30:682.
- Sabine D. B. and Vaselekos J., 1965, Nature, 206:960.
- MacFaddin J.F., 1985, Media for Isolation-Cultivation-Identification-Maintenance of Medical Bacteria, Vol.1, Williams and Wilkins, Baltimore.

Revision : 02/ 2015

Disclaimer :

User must ensure suitability of the product(s) in their application prior to use. Products conform solely to the information contained in this and other related HiMedia™ publications. The information contained in this publication is based on our research and development work and is to the best of our knowledge true and accurate. HiMedia™ Laboratories Pvt Ltd reserves the right to make changes to specifications and information related to the products at any time. Products are not intended for human or animal or therapeutic use but for laboratory, diagnostic, research or further manufacturing use only, unless otherwise specified. Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.